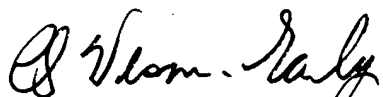


March 4, 2003

Dear Examiner Nguyen -

Here are the results of your search request for case no. 09/854,970. If a modification or re-focus of the search is needed, please let me know.



Caryn S. Wesner-Early, MSLS  
Technical Information Specialist  
EIC 3600, US Patent & Trademark Office  
Phone: (703) 306-5967  
Fax: (703) 306-5758  
caryn.wesner@uspto.gov

show files;ds

File 348:EUROPEAN PATENTS 1978-2003/Feb W04

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220

(c) 2003 WIPO/Univentio

File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)

(c) 2003 JPO & JAPIO

File 351:Derwent WPI 1963-2003/UD,UM &UP=200315

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	3	AU='ZEIK G':AU='ZEIK GARY'
S2	6	AU='LANDAU E':AU='LANDAU E M'
S3	2	AU='LANDAU ERIC'
S4	19	AU='GARRISON J'
S5	5	AU='GARRISON J D'
S6	2	AU='GARRISON JOE DON'
S7	3	AU='OQUIST C A':AU='OQUIST CHERI ANN'
S8	12	AU='MCCARTHY R'
S9	31	AU='MCCARTHY R C'
S10	2	AU='MCCARTHY RONALD C'
S11	5	AU='ENGLEHART T M':AU='ENGLEHART THEODORE M'
S12	75	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 - OR S11
S13	69331	IC=(E04H-00? OR E04H-014?)
S14	1	S12 AND S13
S15	2736198	BUILDING OR CONSTRUCTION OR STRUCTURE OR EDIFICE
S16	29	S12 AND S15
<del>S17</del>	<del>29</del>	<del>S14 OR S16</del>
S18	29	IDPAT (sorted in duplicate/non-duplicate order)
S19	28	IDPAT (primary/non-duplicate records only)

.19/3,K/1 (Item 1 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2023 Thomson Derwent. All rts. reserv.

015031924 \*\*Image available\*\*  
WPI Acc No: 2003-092441/200308  
XRPX Acc No: N03-073376

Shielded structure for therapeutic radiation equipment has barrier  
provided with radiation shielding filler material to reduce measurable  
radiation level outside radiation therapy vault room

Patent Assignee: ENGLEHART T M (ENGL-I); GARRISON J D (GARR-I); LANDAU E  
(LAND-I); MCCARTHY R C (MCCA-I); OQUIST C A (OQUI-I); ZEIK G (ZEIK-I);  
MRAD INC (MRAD-N)

Inventor: ENGLEHART T M ; GARRISON J D ; LANDAU E ; MCCARTHY R C ;  
OQUIST C A ; ZEIK G

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020166293	A1	20021114	US 2001854970	A	20010514	200308 B
WO 200293588	A2	20021121	WO 2002US15170	A	20020514	200308

Priority Applications (No Type Date): US 2001854970 A 20010514

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20020166293	A1	23	E04H-001/00	
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WO 200293588	A2 E		G21F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU  
ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Shielded structure for therapeutic radiation equipment has barrier  
provided with radiation shielding filler material to reduce measurable...  
Inventor: ENGLEHART T M ...

... GARRISON J D ...

... LANDAU E ...

... MCCARTHY R C ...

... OQUIST C A ...

... ZEIK G

Abstract (Basic):

... a) a method of constructing a modular structure for housing a  
radiation source...

...c) and a transportable module for forming a structure .

...Enables rapid and economical construction of radiation treatment  
centers, and allows facilities to be located wherever patients require  
such facilities...

...The figure is the exploded, perspective view in partial section of the  
shielded structure .

...Title Terms: STRUCTURE ;

International Patent Class (Main): E04H-001/00 ...

International Patent Class (Additional): E04H-005/00

19/3,K/2 (Item 2 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014189520 \*\*Image available\*\*

WPI Acc No: 2002-010217/200201

Related WPI Acc No: 1999-033904; 2000-303661; 2000-303662; 2001-024959;  
2001-101546; 2002-010216

XRAM Acc No: C02-002425

XRPX Acc No: N02-008555

**Fluid delivery device for infusing medical agents into ambulatory patient, includes laser drilled apertures in flow passage ways of flow rate control capillary, to communicate flow path with passage ways**

Patent Assignee: ARNOLD S M (ARNO-I); GARRISON J (GARR-I); HOGAN R (HOGA-I); KAZEMZADEH F (KAZE-I); KRIESELL M S (KRIE-I); KUESTER W (KUES-I); THOMPSON T N (THOM-I)

Inventor: ARNOLD S M; **GARRISON J**; HOGAN R; KAZEMZADEH F; KRIESELL M S; KUESTER W; THOMPSON T N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010039397	A1	20011108	US 96768663	A	19961218	200201 B
			US 98165706	A	19981002	
			US 2000740096	A	20001218	

Priority Applications (No Type Date): US 2000740096 A 20001218; US 96768663 A 19961218; US 98165706 A 19981002

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010039397	A1	38	A61M-037/00		CIP of application US 96768663
					CIP of application US 98165706
					CIP of patent US 5840071
					CIP of patent US 6176845

...Inventor: **GARRISON J**

Abstract (Basic):

... rate over extended time periods. The fluid delivery device is compact, less weight and laminate **construction**. The device easily used by persons in non-hospital environment, is manufactured at low cost...

19/3,K/3 (Item 3 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014189519 \*\*Image available\*\*

WPI Acc No: 2002-010216/200201

Related WPI Acc No: 1999-033904; 2000-303661; 2000-303662; 2001-101546;  
2002-010217

XRAM Acc No: C02-002424

XRPX Acc No: N02-008554

**Medical fluids infusing device includes base assembly consisting distendable membrane components which distend by fluid pressure, and thin films for visual indication of fluid flow from reservoir**

Patent Assignee: ARNOLD S M (ARNO-I); GARRISON J (GARR-I); KAZEMZADEH F (KAZE-I); KRIESEL M S (KRIE-I)

Inventor: ARNOLD S M; **GARRISON J**; KAZEMZADEH F; KRIESEL M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010039396	A1	20011108	US 96768663	A	19961218	200201 B
			US 98139605	A	19980824	
			US 2000732857	A	20001207	

Priority Applications (No Type Date): US 96768663 A 19961218; US 98139605 A 19980824; US 2000732857 A 20001207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010039396	A1		35	A61M-037/00	Div ex application US 96768663 Div ex application US 98139605 Div ex patent US 5840071 Div ex patent US 6159180

...Inventor: **GARRISON J**

Abstract (Basic):

... The apparatus expelling fluid at precisely controlled rate has low profile and laminate **construction** device. The device is reliably used by the lay persons in non-hospital environment. Fluid...

19/3,K/4 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013617338 \*\*Image available\*\*

WPI Acc No: 2001-101546/200111

Related WPI Acc No: 1999-033904; 2000-303661; 2000-303662; 2001-024959; 2002-010216; 2002-010217

XRAM Acc No: C01-029532

XRPX Acc No: N01-075333

**Fluid delivery device for infusing medicinal agents to an ambulatory patient includes a reservoir assembly, stored energy source, fluid delivery mechanism, flow control mechanism, and pierceable septum assembly**

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; **GARRISON J**; KAZEMZADEH F; KRIESEL M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6159180	A	20001212	US 96768663	A	19961218	200111 B
			US 98139605	A	19980824	

Priority Applications (No Type Date): US 96768663 A 19961218; US 98139605 A 19980824

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6159180	A		32	A61M-037/00	Div ex application US 96768663 Div ex patent US 5840071

...Inventor: **GARRISON J**

Abstract (Basic):

... The device is of compact, low profile, laminate **construction**. It can be used with minimal professional assistance in an alternate health care environment e...

19/3,K/5 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013131790 \*\*Image available\*\*

WPI Acc No: 2000-303661/200026

Related WPI Acc No: 1999-033904; 2000-303662; 2001-024959; 2001-101546; 2002-010216; 2002-010217

XRAM Acc No: C00-092188

XRPX Acc No: N00-226884

**. Variable rate infusion apparatus useful for accurately infusing medicinal agents into an ambulatory patient at specific rates over extended time periods .**

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; **GARRISON J** ; KAZEMZADEH F; KRIESEL M S; ARNOLD S; KRIESEL M

Number of Countries: 082 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200020067	A1	20000413	WO 99US22729	A	19991001	200026 B
AU 9962786	A	20000426	AU 9962786	A	19991001	200036
US 6231545	B1	20010515	US 96768663	A	19961218	200129
			US 98165713	A	19981002	

Priority Applications (No Type Date): US 98165713 A 19981002; US 96768663 A 19961218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200020067	A1	E	63	A61M-037/00	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9962786	A		A61M-037/00	Based on patent WO 200020067
US 6231545	B1		A61M-037/00	CIP of application US 96768663 CIP of patent US 5840071

...Inventor: **GARRISON J**

Abstract (Basic):

... the field shortly prior to use. The apparatus is of a compact, low profile, laminate **construction** .

**19/3,K/6 (Item 6 from file: 351)**

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

012227798 \*\*Image available\*\*

WPI Acc No: 1999-033904/199903

Related WPI Acc No: 2000-303661; 2000-303662; 2001-024959; 2001-101546; 2002-010216; 2002-010217

XRAM Acc No: C99-010066

XRPX Acc No: N99-025413

**Device for infusing medicinal agents into ambulatory patient over extended periods - has hollow cannula mounted within chamber of base, fluid reservoir formed by chamber and stored energy device having distendable member(s) and reservoir has inlet, outlet and visual flow indicator**

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; **GARRISON J** ; KAZEMZADEH F; KRIESEL M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5840071	A	19981124	US 96768663	A	19961218	199903 B

Priority Applications (No Type Date): US 96768663 A 19961218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5840071	A		33	A61M-037/00	
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...Inventor: **GARRISON J**

...Abstract (Basic): ADVANTAGE - The infusion device is compact, low profile and of laminated construction .

19/3,K/7 (Item 7 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

012191892 \*\*Image available\*\*  
WPI Acc No: 1998-608805/199851  
Related WPI Acc No: 1997-342113  
XRPX Acc No: N98-473529

Fail safe movement of elevator cabs for tall buildings - has auxiliary pinion on bottom of cab engaged by motorised pinion on adjacent car frame to pull cab across to other frame for continued travel

Patent Assignee: OTIS ELEVATOR CO (OTIS )  
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON L; WAN S C  
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5829553	A	19981103	US 95564704	A	19951129	199851 B
			US 96663869	A	19960619	

Priority Applications (No Type Date): US 96663869 A 19960619; US 95564704 A 19951129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5829553	A	21	B66B-011/02	CIP of application US 95564704

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Allows single cab to travel full length of tall building .

19/3,K/8 (Item 8 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

011945635 \*\*Image available\*\*  
WPI Acc No: 1998-362545/199831  
XRPX Acc No: N98-283059

Device for use in infusing medicinal fluid into patient at controlled rate - has fill member receivable within base receiving chamber for filling fluid reservoir, and fluid actuated indicator member for visually indicating fluid flow from fluid reservoir

Patent Assignee: SCI INC (SCSC-N)  
Inventor: ARNOLD S M; GARRISON J ; KAZEMZADEH F; KRIESEL M S  
Number of Countries: 079 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9826834	A1	19980625	WO 97US23604	A	19971218	199831 B
AU 9858036	A	19980715	AU 9858036	A	19971218	199846
EP 1007144	A1	20000614	EP 97954194	A	19971218	200033
			WO 97US23604	A	19971218	

Priority Applications (No Type Date): US 96769705 A 19961218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9826834	A1	E 102	A61M-037/00	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW  
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE  
IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW  
AU 9858036 A A61M-037/00 Based on patent WO 9826834  
EP 1007144 A1 E A61M-037/00 Based on patent WO 9826834  
Designated States (Regional): CH DE DK ES FR GB IT LI NL SE

...Inventor: GARRISON J

...Abstract (Basic): expelling fluids at a precisely controlled rate which  
is of a compact, low profile, laminate **construction**.

19/3,K/9 (Item 9 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

011882986 \*\*Image available\*\*  
WPI Acc No: 1998-299896/199827  
XRPX Acc No: N98-234689

Shuttle elevators utilising method with horizontal moving passenger cabs  
- exchanging passenger cab at first point along hoistway on corresponding  
car frame for freight container, car frame carrying freight container is  
moved to selected freight landing and container is transferred from frame  
to landing

Patent Assignee: OTIS ELEVATOR CO (OTIS )  
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL  
B A; WAN S C; WIERSCHKE G W  
Number of Countries: 028 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 846643	A1	19980610	EP 97309779	A	19971204	199827 B
JP 10167629	A	19980623	JP 97335243	A	19971205	199835
KR 98063784	A	19981007	KR 9765883	A	19971204	199949
SG 71060	A1	20000321	SG 974008	A	19971111	200022
CN 1189445	A	19980805	CN 97129702	A	19971204	200272

Priority Applications (No Type Date): US 96761044 A 19961205  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 846643	A1	E	13	B66B-009/00	
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
JP 10167629	A		10	B66B-009/16	
KR 98063784	A			B66B-009/00	
SG 71060	A1			B66B-009/00	
CN 1189445	A			B66B-009/16	

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Can carry upwards in **building** during  
early night time, or evening, hours, and empty freight containers are  
carried downwards in **building** during late night time, early morning,  
hours...

19/3,K/10 (Item 10 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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011846299 \*\*Image available\*\*  
WPI Acc No: 1998-263209/199824  
Related WPI Acc No: 1998-044260



XRPX Acc No: N98-207572

**Horizontal and vertical passenger transport system - involves elevator cabs being transferred between elevators, which may be shuttles, in various levels of building, using carriages or bogies onto elevator car frames (#4) in lateral direction.**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; SALMON L

Number of Countries: 030 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 842888	A1	19980520	EP 97309210	A	19971114	199824 B
AU 9742893	A	19980521	AU 9742893	A	19971027	199832
JP 10167627	A	19980623	JP 97310264	A	19971112	199835
US 5861586	A	19990119	US 96666162	A	19960619	199911
			US 96749296	A	19961114	
SG 64455	A1	19990427	SG 973840	A	19971022	199933
KR 98042456	A	19980817	KR 9760195	A	19971114	199937
AU 735064	B	20010628	AU 9742893	A	19971027	200142
CN 1189444	A	19980805	CN 97122495	A	19971113	200272

Priority Applications (No Type Date): US 96749296 A 19961114; US 96666162 A 19960619

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
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EP 842888	A1	E	33	B66B-009/00	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

AU 9742893	A			B66B-009/00	
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JP 10167627	A		26	B66B-009/16	
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US 5861586	A			B66B-009/00	CIP of application US 96666162
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CIP of patent US 5773772

SG 64455	A1			B66B-009/02	
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KR 98042456	A			B66B-009/00	
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AU 735064	B			B66B-009/00	Previous Publ. patent AU 9742893
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CN 1189444	A			B66B-009/00	
------------	---	--	--	-------------	--

... involves elevator cabs being transferred between elevators, which may be shuttles, in various levels of building, using carriages or bogies onto elevator car frames (#4) in lateral direction.

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - The horizontal transportation may occur on transport floors within a building, or may extend between different building segments or between different buildings. (see image 0.1...

19/3,K/11 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

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011812520 \*\*Image available\*\*

WPI Acc No: 1998-229430/199820

XRPX Acc No: N98-181691

**Emergency power and communication system for elevator car without travelling cable - uses flywheel motor generator which is accelerated when elevator car is near landing, by power supplied through brushes from power tracks**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BITTAR J; MCCARTHY R C

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5732795	A	19980331	US 96632380	A	19960410	199820 B
JP 10067472	A	19980310	JP 9791886	A	19970410	199820

Priority Applications (No Type Date): US 96632380 A 19960410

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5732795	A		11	B66B-009/02	
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JP 10067472	A		12	B66B-001/34	
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...Inventor: MCCARTHY R C

...Abstract (Basic): The elevator system has a car disposed for travel within a hoistway of a **building** . It comprises a pair of power tracks (32) mounted adjacent each landing within the hoistway of the **building** . A pair of brushes (34) are disposed on the car for contacting the power tracks when adjacent to them. A first radio transceiver is disposed in the **building** , and the elevator car is adapted to travel within the hoistway between the landings of the **building** .

19/3,K/12 (Item 12 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011671907 \*\*Image available\*\*

WPI Acc No: 1998-088816/199809

XRPX Acc No: N98-070500

**Motor elevator shuttle method using multi-deck car frames - uses overlapping, contiguous hoistways with each successively higher hoistway carrying one less cab**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL

B A; WAN S C; WIERSCHKE G W

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 820952	A2	19980128	EP 97305588	A	19970725	199809 B
JP 10114471	A	19980506	JP 97199572	A	19970725	199828
KR 98009082	A	19980430	KR 9734938	A	19970725	199914
US 5924524	A	19990720	US 96684867	A	19960725	199935
			US 96751797	A	19961118	
CN 1172763	A	19980211	CN 97104670	A	19970724	200169

Priority Applications (No Type Date): US 96751797 A 19961118; US 96684867 A 19960725

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 820952	A2	E	15	B66B-001/18	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI  
LT LU LV MC NL PT RO SE SI

JP 10114471	A		11	B66B-001/06	
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KR 98009082	A			B66B-009/16	
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US 5924524	A			B66B-009/00	CIP of application US 96684867
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CN 1172763	A			B66B-009/00	
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...Inventor: MCCARTHY R C

...Abstract (Basic): the core space required to provide an elevator shuttle to several upper levels in a **building** .

19/3,K/13 (Item 13 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011627132 \*\*Image available\*\*

WPI Acc No: 1998-044260/199805

Related WPI Acc No: 1998-263209

XRPX Acc No: N98-035386

**Transferring apparatus for lift cars between non-contiguous shafts in tall buildings - uses controller for exchange of cars by linear induction motor driven carriages incorporating locks and riding on castors in guide tracks**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 814049	A1	19971229	EP 97304316	A	19970619	199805 B
JP 10067477	A	19980310	JP 97162988	A	19970619	199820
US 5773772	A	19980630	US 96666162	A	19960619	199833
KR 98001791	A	19980330	KR 9725711	A	19970619	199902
CN 1180649	A	19980506	CN 97114912	A	19970618	200236

Priority Applications (No Type Date): US 96666162 A 19960619

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 814049	A1	E	25 B66B-009/02	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI  
LT LU LV MC NL PT RO SE SI

JP 10067477	A	21	B66B-009/16
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US 5773772	A		B66B-009/00
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KR 98001791	A		B66B-009/00
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CN 1180649	A		B66B-009/16
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...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Uses tall **building** core space more efficiently. Facilitates movement of lift cars between lift frames disposed in non...

19/3,K/14 (Item 14 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011627131 \*\*Image available\*\*

WPI Acc No: 1998-044259/199805

XRPX Acc No: N98-035385

**Shuttle passenger lifts system feeding local lifts e.g. in tall buildings - uses controller, transfer floor, car-carriers between sets of passenger lifts, wheel track segments and linear induction motor prim. segments**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; WIERSCHKE G W

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 814048	A1	19971229	EP 97304315	A	19970619	199805 B
JP 10067471	A	19980310	JP 97162989	A	19970619	199820
US 5823299	A	19981020	US 96666188	A	19960619	199849
KR 98001785	A	19980330	KR 9725713	A	19970619	199902
CN 1180042	A	19980429	CN 97113770	A	19970618	200234

Priority Applications (No Type Date): US 96666188 A 19960619

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 814048	A1	E	25 B66B-009/00	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

. LT LU LV MC NL PT RO SE SI  
 JP 10067471 A 19 B66B-001/18  
 US 5823299 . A B66B-001/00  
 KR 98001785 A B66B-001/00  
 CN 1180042 A B66B-009/16

...Inventor: MCCARTHY R C

...Abstract (Basic): of express passenger lift shuttles providing service from a lobby in one end of a **building** to a transfer floor in another end of the **building** with local lifts serving contiguous floors. Passenger cars are transferred in car-carriers between local...

...ADVANTAGE - Avoids passengers having to walk between different lifts. Uses tall **building** core space more efficiently especially at lower floors of **building** . Provides better local lift service at high end of **building** .

19/3,K/15 (Item 15 from file: 351)  
 DIALOG(R)File 351:Derwent WPI  
 (c) 2003 Thomson Derwent. All rts. reserv.

011627130 \*\*Image available\*\*  
 WPI Acc No: 1998-044258/199805  
 Related WPI Acc No: 1997-291202  
 XRPX Acc No: N98-035384

**Synchronised lift arrival method at floor levels in building - uses passenger cars, on castors in carriers in lift shafts, with carrier arrivals synchronised for exchange between lifts at transfer floors**

Patent Assignee: OTIS ELEVATOR CO (OTIS )  
 Inventor: BARKER F H; BENNET P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; BENNETT P; SALMON L  
 Number of Countries: 029 Number of Patents: 009  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 814047	A1	19971229	EP 97304314	A	19970619	199805 B
JP 10067470	A	19980310	JP 97161762	A	19970619	199820
US 5785153	A	19980728	US 95564703	A	19951129	199837
			US 96666181	A	19960619	
KR 98001792	A	19980330	KR 9725712	A	19970619	199902
TW 426632	A	20010321	TW 97108642	A	19970620	200151
EP 814047	B1	20011107	EP 97304314	A	19970619	200169
DE 69707979	E	20011213	DE 607979	A	19970619	200205
			EP 97304314	A	19970619	
CN 1176932	A	19980325	CN 97114845	A	19970618	200209
SG 90703	A1	20020820	SG 972048	A	19970613	200277

Priority Applications (No Type Date): US 96666181 A 19960619; US 95564703 A 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 814047	A1	E	36	B66B-001/18	
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI					
LT LU LV MC NL PT RO SE SI					
JP 10067470	A		29	B66B-001/18	
US 5785153	A			B66B-009/00	CIP of application US 95564703 CIP of patent US 5660249
KR 98001792	A			B66B-009/00	
TW 426632	A			B66B-001/00	
EP 814047	B1	E		B66B-001/18	
Designated States (Regional): DE FR GB					
DE 69707979	E			B66B-001/18	Based on patent EP 814047
CN 1176932	A			B66B-001/20	

**Synchronised lift arrival method at floor levels in building -**

...Inventor: **MCCARTHY R C**

...Abstract (Basic): In a more complex high rise **building** system, non-stop between major stages shuttle lifts (S1,S2,S3) exchange passenger cars with...

**19/3,K/16 (Item 16 from file: 351)**

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011364205 \*\*Image available\*\*

WPI Acc No: 1997-342112/199732

XRPX Acc No: N97-283851

**Method of moving lift cabin between three floors of building - involves moving cabin to middle floor, then moving it to different lift shaft while other cabins are moved into its old shaft and out of its new one respectively**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; **MCCARTHY R C** ; POWELL B A; SALMON J K; WAN S C; SALMON L

Number of Countries: 010 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 9671982	A	19970612	AU 9671982	A	19961126	199732 B
EP 781724	A2	19970702	EP 96308661	A	19961129	199732
JP 9165148	A	19970624	JP 96319338	A	19961129	199735
US 5651426	A	19970729	US 95564534	A	19951129	199736
CA 2189919	A	19970530	CA 2189919	A	19961108	199739
ZA 9609381	A	19970827	ZA 969381	A	19961107	199740
KR 97026873	A	19970624	KR 9657164	A	19961125	199825
CN 1160011	A	19970924	CN 96121364	A	19961128	200143

Priority Applications (No Type Date): US 95564534 A 19951129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

AU 9671982 A 68 B66B-009/16

EP 781724 A2 E 29 B66B-001/14

Designated States (Regional): DE FR GB

JP 9165148 A 24 B66B-001/18

US 5651426 A 25 B66B-009/00

CA 2189919 A B66B-001/18

ZA 9609381 A 64 B66B-000/00

KR 97026873 A B66B-009/00

CN 1160011 A B66B-001/00

**Method of moving lift cabin between three floors of building -**

...Inventor: **MCCARTHY R C**

...Abstract (Basic): The method avoids using lift interchange lobbies, and needs few lift shafts, therefore giving the **building** a small core...

...Abstract (Equivalent): A method of moving passengers between two passenger lobby floors of a **building** , comprising...

...than said upper and lower passenger lobby floors being at a transfer level of said **building** along with a terminal level of another one of said elevators, and a plurality of...

**19/3,K/17 (Item 17 from file: 351)**

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

Q11313307 \*\*Image available\*\*

WPI Acc No: 1997-291211/199727

XRPX Acc No: N97-241020

Locking of elevator car frame to building elevator hoist-way, during loading-unloading of horizontally moving cab - using jack screw or solenoid device control a bolt to extend across the interface between the car frame and building , locking the frame at floor landing levels

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 010 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 776859	A2	19970604	EP 96308660	A	19961129	199727 B
AU 9671902	A	19970605	AU 9671902	A	19961120	199731
JP 9165170	A	19970624	JP 96319336	A	19961129	199735
CA 2189936	A	19970530	CA 2189936	A	19961108	199739
ZA 9609386	A	19970827	ZA 969386	A	19961107	199740
EP 776859	A3	19971126	EP 96308660	A	19961129	199816
KR 97026875	A	19970624	KR 9657662	A	19961126	199825
US 5771995	A	19980630	US 95565648	A	19951129	199833
CN 1158318	A	19970903	CN 96119299	A	19961128	200140

Priority Applications (No Type Date): US 95565648 A 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 776859	A2	E	7	B66B-011/02	
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Designated States (Regional): DE FR GB

AU 9671902	A			B66B-001/42	
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JP 9165170	A		7	B66B-011/02	
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CA 2189936	A			B66B-005/26	
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ZA 9609386	A		19	B66B-000/00	
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EP 776859	A3			B66B-011/02	
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KR 97026875	A			B66B-009/00	
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US 5771995	A			B66B-005/16	
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CN 1158318	A			B66B-013/02	
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Locking of elevator car frame to building elevator hoist-way, during loading-unloading of horizontally moving cab...

...solenoid device control a bolt to extend across the interface between the car frame and building , locking the frame at floor landing levels

...Inventor: MCCARTHY R C

...Abstract (Basic): from the side of the car frame across the interface between the car frame and building structure which is provided with strike (39) to accept the bolt...

19/3,K/18 (Item 18 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

Q11313304 \*\*Image available\*\*

WPI Acc No: 1997-291208/199727

XRPX Acc No: N97-241017

Controlling elevator system in building with several shuttle elevators - commandeering particular elevator to transfer emergency cab to floor where alarm has been sounded

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C; SALMON L

Number of Countries: 009 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 776856	A2	19970604	EP 96308656	A	19961129	199727	B
AU 9671985	A	19970612	AU 9671985	A	19961126	199732	
JP 9165155	A	19970624	JP 96319340	A	19961129	199735	
US 5655625	A	19970812	US 95564773	A	19951129	199738	
CA 2189922	A	19970530	CA 2189922	A	19961108	199739	
ZA 9609383	A	19970827	ZA 969383	A	19961107	199740	
KR 97026872	A	19970624	KR 9656930	A	19961123	199825	

Priority Applications (No Type Date): US 95564773 A 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 776856	A2	E	22	B66B-005/00	
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Designated States (Regional): DE FR GB

JP 9165155	A	19	B66B-005/00
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US 5655625	A	20	B66B-009/00
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ZA 9609383	A	45	B66B-000/00
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AU 9671985	A		B66B-009/16
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CA 2189922	A		B66B-001/34
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KR 97026872	A		B66B-009/00
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**Controlling elevator system in building with several shuttle elevators**

...

...Inventor: MCCARTHY R C

...Abstract (Basic): ADVANTAGE - Greater range than conventional elevator.

Rapid response to alarms. Efficient use of **building** core...

...Abstract (Equivalent): An elevator system in a **building**, comprising...

...elevators, each having a car frame moveable in a hoistway between terminal floors of said **building** ;

...

...disposed when not in use on a first landing on a first floor of said **building** between said terminal floors and adjacent to the hoistways of said elevators...

...associated with said emergency cab and for providing an indication of the floor of the **building** on which said emergency service is requested; and...

...for causing said car frame to move said emergency cab to the floor of the **building** on which said emergency service is requested

19/3,K/19 (Item 19 from file: 351)

DIALOG(R)File 351:Derwent WPI

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011313302 \*\*Image available\*\*

WPI Acc No: 1997-291206/199727

XRPX Acc No: N97-241015

**Elevator system for use in very tall building - senses weight of cab supported by lock bolt and provides torque to take weight off bolts before unlocking them**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL

B A; SALMON J K; WAN S C; SALMON L

Number of Countries: 009 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 776854	A2	19970604	EP 96308659	A	19961129	199727 B
AU 9671901	A	19970605	AU 9671901	A	19961120	199731
JP 9165169	A	19970624	JP 96319335	A	19961129	199735
CA 2189937	A	19970530	CA 2189937	A	19961108	199739
ZA 9609387	A	19970827	ZA 969387	A	19961107	199740

EP 776854 A3 19971126 EP 96308659 A 19961129 199816  
 KR 97026859 A 19970624 KR 9656929 A 19961123 199825  
 US 5862886 A 19990126 US 95564028 A 19951129 199911

Priority Applications (No Type Date): US 95564028 A 19951129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 776854 A2 E 9 B66B-001/28

Designated States (Regional): DE FR GB

JP 9165169 A 9 B66B-011/02

ZA 9609387 A 23 B66B-000/00

AU 9671901 A B66B-001/42

CA 2189937 A B66B-001/36

EP 776854 A3 B66B-001/28

KR 97026859 A B66B-001/24

US 5862886 A B66B-001/40

**Elevator system for use in very tall building -**

...Inventor: MCCARTHY R C

...Abstract (Basic): a signal. The lock includes a bolt which extends  
 between the car frame and a **building** when the lock is engaged...

19/3,K/20 (Item 20 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011313300 \*\*Image available\*\*

WPI Acc No: 1997-291204/199727

XRPX Acc No: N97-241013

**Elevator shuttle system for moving passengers between landings in**

**building - has double deck elevator cars which can be moved in**

**corresponding, adjacent, overlapping hoistways, under software control**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL

B A; SALMON J K; WAN S C

Number of Countries: 012 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 776852	A1	19970604	EP 96308667	A	19961129	199727 B
AU 9671917	A	19970605	AU 9671917	A	19961121	199731
JP 9165146	A	19970624	JP 96319344	A	19961129	199735
CA 2189938	A	19970530	CA 2189938	A	19961108	199739
ZA 9609389	A	19970827	ZA 969389	A	19961107	199740
US 5663539	A	19970902	US 95564697	A	19951129	199741
KR 97026878	A	19970624	KR 9658886	A	19961128	199825
TW 349073	A	19990101	TW 97102475	A	19970303	199925
EP 776852	B1	20010404	EP 96308667	A	19961129	200120
DE 69612354	E	20010510	DE 612354	A	19961129	200134
			EP 96308667	A	19961129	
CN 1166445	A	19971203	CN 96123405	A	19961128	200154
SG 90699	A1	20020820	SG 9611415	A	19961125	200277

Priority Applications (No Type Date): US 95564697 A 19951129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 776852 A1 E 12 B66B-001/14

Designated States (Regional): DE FR GB

AU 9671917 A B66B-009/00

JP 9165146 A 11 B66B-001/16

CA 2189938 A B66B-011/02

ZA 9609389 A 30 B66B-000/00

US 5663539 A 10 B66B-001/18

KR 97026878 A B66B-009/00

TW 349073 A B66B-001/00



EP 776852 B1 E B66B-001/14  
Designated States (Regional): DE FR GB  
DE 69622354 • E B66B-001/14 Based on patent EP 776852  
CN 1166445 A B66B-001/00  
SG 90699 A1 B66B-009/00  
**Elevator shuttle system for moving passengers between landings in building -**  
...Inventor: MCCARTHY R C

...Abstract (Equivalent): An elevator shuttle system for moving passengers between landings at two levels of a **building** , comprising...

...being aligned with a landing at a top level of said system high in said **building** and the low end of said lowest elevator being aligned with a landing at a bottom level of said system low in said **building** ;

19/3,K/21 (Item 21 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

011313299 \*\*Image available\*\*  
WPI Acc No: 1997-291203/199727  
XRPX Acc No: N97-241012

**Synchronised elevator shuttle for use in very tall building - moves elevator cab from landing to car frame at same time as other cab is moved from car frame on to landing, under software control**

Patent Assignee: OTIS ELEVATOR CO (OTIS )  
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 010 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 776851	A2	19970604	EP 96308662	A	19961129	199727 B
AU 9671915	A	19970605	AU 9671915	A	19961121	199731
JP 9165157	A	19970624	JP 96319339	A	19961129	199735
CA 2189921	A	19970530	CA 2189921	A	19961108	199739
ZA 9609382	A	19970827	ZA 969382	A	19961107	199740
KR 97026877	A	19970624	KR 9658885	A	19961128	199825
US 5758748	A	19980602	US 95565606	A	19951129	199829
SG 90700	A1	20020820	SG 9611447	A	19961126	200277

Priority Applications (No Type Date): US 95565606 A 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 776851	A2	E	14	B66B-001/14	
Designated States (Regional): DE FR GB					
AU 9671915	A			B66B-009/00	
JP 9165157	A		13	B66B-007/00	
CA 2189921	A			B66B-001/18	
ZA 9609382	A		32	B66B-000/00	
KR 97026877	A			B66B-009/00	
US 5758748	A			B66B-009/16	
SG 90700	A1			B66B-009/00	

**Synchronised elevator shuttle for use in very tall building -**

...Inventor: MCCARTHY R C

...Abstract (Basic): The shuttle includes a **building** with several mutually separated lobby levels with two passenger landings on opposite sides of a...

19/3,K/22 (Item 22 from file: 351)  
DIALOG(R)File 351:Derwent WPI

011313298    **\*\*Image available\*\***  
WPI Acc No: 1997-291202/199727  
Related WPI Acc No: 1998-044258  
XRPX Acc No: N97-241011

**Elevator system for building with several levels - moves elevator cabs horizontally between car frames in different hoistways under control of computer**

Patent Assignee: OTIS ELEVATOR CO (OTIS )  
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 010    Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 776850	A2	19970604	EP 96308647	A	19961129	199727    B
AU 9671916	A	19970605	AU 9671916	A	19961121	199731
JP 9165149	A	19970624	JP 96319343	A	19961129	199735
CA 2189939	A	19970530	CA 2189939	A	19961108	199739
US 5660249	A	19970826	US 95564703	A	19951129	199740
ZA 9609390	A	19970827	ZA 969390	A	19961107	199740
KR 97026874	A	19970624	KR 9657165	A	19961125	199825
CN 1157254	A	19970820	CN 96117396	A	19961128	200137

Priority Applications (No Type Date): US 95564703 A 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 776850	A2	E	18	B66B-001/14	
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Designated States (Regional): DE FR GB

AU 9671916	A	43	B66B-009/00
JP 9165149	A	18	B66B-001/18
CA 2189939	A		B66B-001/18
US 5660249	A	16	B66B-009/00
ZA 9609390	A	41	B66B-000/00
KR 97026874	A		B66B-009/00
CN 1157254	A		B66B-001/00

**Elevator system for building with several levels...**

...Inventor: **MCCARTHY R C**

...Abstract (Equivalent): An elevator system for a **building** having a plurality of levels, comprising...

...end of the corresponding hoistway, each hoistway except the lowest of said hoistways in said **building** having its low end at the same **building** level as the high end of another of said hoistways, each hoistway except the highest of said hoistways in said **building** having its high end at the same **building** level as the low end of another one of said hoistways, said lowest of said...

**19/3,K/23        (Item 23 from file: 351)**

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011153537    **\*\*Image available\*\***  
WPI Acc No: 1997-131461/199712  
XRPX Acc No: N97-108574

**Socket plug assembly for horizontally movable elevator system for building - has cab on frame in hoistway, with plug socket assembly fitted on cab, and complementary assembly engaging on vertical movement on landing or on boom**

Patent Assignee: OTIS ELEVATOR CO (OTIS )  
Inventor: BARKER F H; BENNETT P; BITTAR J; COONEY A; MCCARTHY R C ; POWELL B A; SALMON J K; WAN S C

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5601156	A	19970211	US 95565647	A	19951129	199712 B
			US 96630223	A	19960410	
AU 9716591	A	19971016	AU 9716591	A	19970327	199801

Priority Applications (No Type Date): US 96630223 A 19960410; US 95565647 A 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5601156	A	10	B66B-009/00	CIP of application	US 95565647
AU 9716591	A		B66B-009/00		

**Socket plug assembly for horizontally movable elevator system for building -**

...Inventor: MCCARTHY R C

...Abstract (Basic): upper end of one of the hoistways (12) coincides at a given level of the **building** with the lower end of the other hoistway (14). A cab (10) can be loaded...

19/3,K/24 (Item 24 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011009329 \*\*Image available\*\*

WPI Acc No: 1996-506279/199650

Related WPI Acc No: 1998-168484; 1999-458951; 2000-125927; 2000-505090

XRPX Acc No: N96-426529

**Fluid flow indicating appts. for flow conduit having outlet e.g. medical infusion appts. for patient - uses pair of overlayed thin indicia bearing films moved by actuators which respond to fluid pressure in conduit**

Patent Assignee: SCI INC (SCSC-N)

Inventor: ARNOLD S M; GARRISON J ; KAZEMZADEH F; KRIESEL M S

Number of Countries: 063 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9635106	A1	19961107	WO 96US6099	A	19960501	199650 B
AU 9657213	A	19961121	AU 9657213	A	19960501	199711
EP 824674	A1	19980225	EP 96915440	A	19960501	199812
			WO 96US6099	A	19960501	
JP 11504713	W	19990427	JP 96533470	A	19960501	199927
			WO 96US6099	A	19960501	
EP 824674	B1	20000809	EP 96915440	A	19960501	200039
			WO 96US6099	A	19960501	
DE 69609713	E	20000914	DE 609713	A	19960501	200053
			EP 96915440	A	19960501	
			WO 96US6099	A	19960501	
ES 2154404	T3	20010401	EP 96915440	A	19960501	200123

Priority Applications (No Type Date): US 95432220 A 19950501

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9635106	A1	E	45	G01L-007/00	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9657213	A				Based on patent WO 9635106
------------	---	--	--	--	----------------------------

EP 824674	A1	E			Based on patent WO 9635106
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Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE

JP 11504713	W	51	G01P-013/00		Based on patent WO 9635106
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EP 824674 B1 E G01L-007/00 Based on patent WO 9635106  
 Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE  
 DE 69609713 E G01L-007/00 Based on patent EP 824674  
 Based on patent WO 9635106  
 ES 2154404 T3 G01L-007/00 Based on patent EP 824674  
 ...Inventor: **GARRISON J**

...Abstract (Basic): ADVANTAGE - Simple **construction** which is easy to maintain and reliable long-term operation. while indicating clearly fluid pressure...

19/3,K/25 (Item 25 from file: 351)  
 DIALOG(R)File 351:Derwent WPI  
 (c) 2003 Thomson Derwent. All rts. reserv.

011008966 \*\*Image available\*\*  
 WPI Acc No: 1996-505916/199650  
 XRPX Acc No: N96-426321

**Device for accurately infusing medicinal agents into ambulatory patient - has distendable member superimposed over base which imparts pressure to fluid to be infused, and flow indicator with overlaying movable thin films**

Patent Assignee: SCI INC (SCSC-N)  
 Inventor: ARNOLD S M; **GARRISON J** ; KAZEMZADEH F; KRIESEL M S; KRIESEL M;  
 KRIESELL M S

Number of Countries: 063 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9634651	A1	19961107	WO 96US6047	A	19960501	199650 B
AU 9656344	A	19961121	AU 9656344	A	19960501	199711
EP 900104	A1	19990310	EP 96913291	A	19960501	199914
			WO 96US6047	A	19960501	
BR 9608383	A	19990504	BR 968383	A	19960501	199924
			WO 96US6047	A	19960501	
MX 9708395	A1	19981001	MX 978395	A	19971031	200019
AU 722783	B	20000810	AU 9656344	A	19960501	200043
JP 2002514943	W	20020521	JP 96533443	A	19960501	200236
			WO 96US6047	A	19960501	
MX 203921	B	20010824	MX 978395	A	19971031	200238

Priority Applications (No Type Date): US 95430221 A 19950501

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9634651 A1 E 50 A61M-037/00  
 Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE  
 ES FI GB GE HU IS JP KE KG KP KR KZ LK LT LU LV MD MG MN MW MX NO NZ PL  
 PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN  
 Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT KE LS  
 LU MC MW NL OA PT SD SE SZ UG

AU 9656344 A Based on patent WO 9634651  
 EP 900104 A1 E A61M-037/00 Based on patent WO 9634651  
 Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE  
 BR 9608383 A Based on patent WO 9634651  
 MX 9708395 A1 A61M-037/00  
 AU 722783 B A61M-037/00 Previous Publ. patent AU 9656344  
 Based on patent WO 9634651  
 JP 2002514943 W 59 A61M-037/00 Based on patent WO 9634651  
 MX 203921 B A61M-037/00

...Inventor: **GARRISON J**

...Abstract (Basic): The device is of a compact, low profile laminate **construction** and includes an elastic distendable membrane, which, in co-operation with a thin planar base...

19/3,K/26 (Item 26 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

003983096

WPI Acc No: 1984-128640/198421

XRPX Acc No: N84-095204

**Passenger lift control system using microprocessor within cabin - has stationary transceiver for receiving call request information and providing dual tone signals to microprocessor**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: MCCARTHY R C ; TWEED G C

Number of Countries: 008 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3341416	A	19840517	DE 3341416	A	19831115	198421 B
FR 2536056	A	19840518				198425
GB 2131573	A	19840620	GB 8330732	A	19831117	198425
AU 8320982	A	19840524				198428
FI 8304114	A	19840731				198437
US 4594570	A	19860610	US 82442391	A	19821117	198626
GB 2131573	B	19860723				198630
CA 1216085	A	19861230				198705
CH 674839	A	19900731				199033

Priority Applications (No Type Date): US 82442391 A 19821117

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3341416	A		30		

Inventor: MCCARTHY R C ...

...Abstract (Basic): An elevator for servicing a plurality of floors in a **building** characterised by: a car; a car drive; a hall call button on a floor for...

...Abstract (Equivalent): An elevator for servicing a plurality of floors in a **building** characterised by: a car; a car drive; a hall call button on a floor for...

19/3,K/27 (Item 27 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01531616

**SHIELDED STRUCTURE FOR RADIATION TREATMENT EQUIPMENT AND METHOD OF ASSEMBLY**

STRUCTURE BLINDEE POUR EQUIPEMENT DE TRAITEMENT PAR RAYONNEMENT ET METHODE D'ASSEMBLAGE DE CETTE STRUCTURE

PATENT ASSIGNEE:

Mrad, Inc., (4276840), 1681 NW 93rd Avenue, Plantation, FL 33322, (US),  
(Applicant designated States: all)

INVENTOR:

ZEIK, Gary , 1681 NW 93rd Avenue, Plantation, FL 33322 US, (US)  
LANDAU, Eric , 243 Ocean Terrace, Palm Beach, FL 33480, (US)  
GARRISON, Joe, Don , 4817 Oaknell Drive, Indianapolis, IN 46221, (US)  
OQUIST, Cheri, Ann , 9750 SW 13th Street, Pembroke Pines, FL 33025, (US)  
MCCARTHY, Ronald, C. , 35 Colby Way, Westwood, ME 02090, (US)  
ENGLEHART, Theodore, M. , 4181 East 96th Street, Suite 200,  
Indianapolis, IN 46240 US, (US)

PATENT (CC, No, Kind, Date):

WO 2002093588 021121

APPLICATION (CC, No, Date): EP 2002769728 020514; WO 2002US15170 020514

PRIORITY (CC, No, Date): US 854970 010514

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

. LU; MC; NL; PT; SE; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G21F-001/00  
LANGUAGE (Publication,Procedural,Application): English; English; English

**SHIELDED STRUCTURE FOR RADIATION TREATMENT EQUIPMENT AND METHOD OF ASSEMBLY**

STRUCTURE BLINDEE POUR EQUIPEMENT DE TRAITEMENT PAR RAYONNEMENT ET  
METHODE D'ASSEMBLAGE DE CETTE STRUCTURE

INVENTOR:

ZEIK, Gary ...

...US)

LANDAU, Eric ...

...US)

GARRISON, Joe, Don ...

...US)

OQUIST, Cheri, Ann ...

...US)

MCCARTHY, Ronald, C ...

...US)

ENGLEHART, Theodore, M ...

19/3,K/28 (Item 28 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00325948

**Portable ultrasonic probe.**

**Tragbare Ultraschallsonde.**

**Sonde ultrasonique portative.**

PATENT ASSIGNEE:

LABORATORY EQUIPMENT, CORP., (1039400), 156 East Harrison Street P.O. Box  
787, Mooresville Indiana 46158, (US), (applicant designated states:  
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Englehart, Theodore M. , 7771 Spring Mill Road, Indianapolis Indiana  
46260, (US)

Morris, Richard F., 5860 W. Vermont, Indianapolis Indiana 46224, (US)

Sanghvi, Narendra T., 818 Culpeper Court, Indianapolis Indiana 46227, (US)

LEGAL REPRESENTATIVE:

Hranitzky, Wilhelm Max et al (39542), c/o WILLIAM BLANC & CIE Conseils en  
Propriete Industrielle SA 6, rue de la Grotte, CH-1003 Lausanne, (CH)

PATENT (CC, No, Kind, Date): EP 320444 A1 890614 (Basic)

APPLICATION (CC, No, Date): EP 88810801 881123;

PRIORITY (CC, No, Date): US 125403 871125

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: A61B-008/08;

ABSTRACT WORD COUNT: 118

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	549
SPEC A	(English)	EPABF1	4468
Total word count - document A			5017
Total word count - document B			0
Total word count - documents A + B			5017

INVENTOR:

, Englehart, Theodore M ...

...SPECIFICATION ultrasound. More particularly, the present invention pertains to hand-held, portable imaging probes and the **structure** of such probes which enable the automatic scanning of the transmitted ultrasound beam.

Medical imaging...the transducer. Inasmuch as the focus of the present invention is on the design and **structure** of probe 20, the details of the support electronics which are well known is not...in a side-by-side arrangement and in a reversed or opposite fashion, this added **structure** is suitable to offset the vibration forces generated by the rapid rate of movement of...

show files;ds

File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)

(c)- 2003 JPO & JAPIO

File 351:Derwent WPI 1963-2003/UD,UM &UP=200315

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	2213323	COMPONENT? ? OR MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL- ??) () (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PRE- FAB
S2	1997167	BUILDING OR CONSTRUCTION OR STRUCTURE OR EDIFICE
S3	2061066	BARRIER OR SHIELD??? OR REINFORCE? OR BULKHEAD OR BUFFER OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT???
S4	1129810	THERAPEUTIC OR MEDICAL OR ROENTGEN OR ADJUVANT OR CURATIVE OR TREATMENT OR HEALING
S5	529397	RADIATION OR RADIOACTIV? OR RAY? ?
S6	149173	X()RAY OR XRAY OR RADIOTHERAPY OR PET OR POSITRON()EMISSION
S7	26935	S1(2N)S2
S8	1335	S3(10N)S7
S9	560368	S5 OR S6
S10	27	S8(S)S9
S11	27	IDPAT (sorted in duplicate/non-duplicate order)
S12	27	IDPAT (primary/non-duplicate records only)



10/TI/1 (Item 1 from file: 347)  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

TEMPORARY STRUCTURE FOR SHIELDING FROM RADIATION

10/TI/7 (Item 1 from file: 351)  
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

Waterproof structure for plate juncture of sheeting in building floor or roof, has fastener pinched into receiver in groove of gutter and to pressure plate hung across plate juncture  
?ds

Set	Items	Description
S1	2213323	COMPONENT? ? OR MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL-??) () (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PRE-FAB
S2	1997167	BUILDING OR CONSTRUCTION OR STRUCTURE OR EDIFICE
S3	2061066	BARRIER OR SHIELD??? OR REINFORCE? OR BULKHEAD OR BUFFER OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT???
S4	1129810	THERAPEUTIC OR MEDICAL OR ROENTGEN OR ADJUVANT OR CURATIVE OR TREATMENT OR HEALING
S5	529397	RADIATION OR RADIOACTIV? OR RAY? ?
S6	149173	X()RAY OR XRAY OR RADIOTHERAPY OR PET OR POSITRON()EMISSION
S7	26935	S1(2N)S2
S8	1335	S3(10N)S7
S9	560368	S5 OR S6
S10	27	S8(S)S9

?idpat

New file order: 351, 347, 371  
...completed examining records  
S11 27 IDPAT (sorted in duplicate/non-duplicate order)

Summary:  
S11 has 27 records ordered as follows:  
27 patent records without duplicates (records 1-27)

1. Show Group Table
2. Show Summary
3. Quit
4. TYPE or PRINT Selected Records
5. TYPE or PRINT Primary and Non-Duplicate Records

Enter an option (e.g., 4).  
?5

S12 27 IDPAT (primary/non-duplicate records only)  
Press ENTER to TYPE records or enter PR to PRINT records via e-mail, fax, or postal delivery.

?  
Enter format number or two-character display tag(s) (e.g., TI, PA) or enter Q to return to command mode.

?3,k  
Enter record(s) to be TYPed (e.g., ALL or a range to receive a desired number of Primary/Non-duplicate records, e.g., 1-10), or enter Q to return to command mode.  
?all

12/3,K/1 (Item 1 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014974402 \*\*Image available\*\*  
WPI Acc No: 2003-034916/200303  
XRPX Acc No: N03-027845

**Waterproof structure for plate juncture of sheeting in building floor or roof, has fastener pinched into receiver in groove of gutter and to pressure plate hung across plate juncture**

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002332719	A	20021122	JP 2001137562	A	20010508	200303 B

Priority Applications (No Type Date): JP 2001137562 A 20010508

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002332719	A	6	E04D-003/366	

Abstract (Basic):

... Prevents rainwater leak from plate juncture. Simplifies waterproof **structure components**, thus keeping **structure** cost low. Eases joining of adjacent plates. Ensures **protection** of caulking material at plate juncture from e.g. ultraviolet UV **rays**, wind, rain. Eases laying of e.g. tiles, artificial lawn, on surface formed by interconnected...

12/3,K/2 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014578811 \*\*Image available\*\*

WPI Acc No: 2002-399515/200243

XRPX Acc No: N02-313357

**Heat release structure of electronic component such as semiconductor IC, includes radiation element for sealing electronic component, whose outer edge is joined to soldering seat**

Patent Assignee: NEC SAITAMA LTD (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002076220	A	20020315	JP 2000256215	A	20000825	200243 B

Priority Applications (No Type Date): JP 2000256215 A 20000825

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002076220	A	4	H01L-023/40	

**Heat release structure of electronic component such as semiconductor IC, includes radiation element for sealing electronic component, whose outer edge is joined to soldering seat**

12/3,K/3 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014552657 \*\*Image available\*\*

WPI Acc No: 2002-373360/200241

XRPX Acc No: N02-291810

**Building components made of wood and plastic for windows and doors are provided with integrated metallic coatings or coverings parallel to the receiving walls**

Patent Assignee: ZIEGELMEIER G (ZIEG-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20202818	U1	20020502	DE 2002U2002818	U	20020222	200241 B

Priority Applications (No Type Date): DE 2002U2002818 U 20020222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
DE 20202818 U1 8 E06B-005/18

Abstract (Basic):

... The **building components** offer **protection** from  
electromagnetic **radiation** without any change in appearance...

12/3,K/4 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014040495 \*\*Image available\*\*

WPI Acc No: 2001-524708/200158

XRPX Acc No: N01-388899

**Electromagnetic shield transparency window material for PDP, has near IR  
rays cut film with adhesive agent with color pigment concentration  
adjusted so that light transmittances and hue are thickness in set limits**

Patent Assignee: BRIDGESTONE CORP (BRID )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000340985	A	20001208	JP 99150131	A	19990528	200158 B

Priority Applications (No Type Date): JP 99150131 A 19990528

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000340985 A 14 H05K-009/00

Abstract (Basic):

... Exhibits favorable electromagnetic **shielding** property and near  
infrared **ray** cut property. As number of **components** are reduced,  
**structure** is simplified, thus reducing manufacturing cost resulting in  
increase in productivity...

12/3,K/5 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013589061 \*\*Image available\*\*

WPI Acc No: 2001-073268/200109

XRPX Acc No: N01-055645

**Exhaust gas return pipe for IC engines is integrated in cylinder head to  
pass through cooling water chamber**

Patent Assignee: MAN NUTZFAHRZEUGE AG (MAUG )

Inventor: MOELLER H

Number of Countries: 025 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1063411	A2	20001227	EP 2000102592	A	20000208	200109 B
DE 19929449	A1	20001228	DE 1029449	A	19990626	200120

Priority Applications (No Type Date): DE 1029449 A 19990626

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
EP 1063411 A2 G 5 F02M-025/07

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

DE 19929449 A1 F02M-025/07

Abstract (Basic):

... Simpler **construction**, neighboring **components** are **protected**  
against heat **radiation**.

12/3,K/6 (Item 6 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

012903084 \*\*Image available\*\*  
WPI Acc No: 2000-074920/200007  
XRAM Acc No: C00-021674

**Secure confinement enclosures formed by cubic and triangular modules**

Patent Assignee: ALEXANDROFF G (ALEX-I)  
Inventor: ALEXANDROFF G  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
FR 2776117 A1 19990917 FR 983192 A 19980316 200007 B

Priority Applications (No Type Date): FR 983192 A 19980316

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
FR 2776117 A1 31 G21C-013/10

**Abstract (Basic):**

... The enclosure can prevent **radioactive** or toxic emissions and **protect** the installation from the weather. The **modular construction** is adaptable to a wide variety of volume configurations that are to be enclosed...

12/3,K/7 (Item 7 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

012531744 \*\*Image available\*\*  
WPI Acc No: 1999-337850/199928  
XRPX Acc No: N99-253199

**Axial fixating polyplanar clamp with lockable ball joint and axial distraction unit**

Patent Assignee: KUTLU H (KUTL-I)  
Inventor: KUTLU H  
Number of Countries: 081 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9925265	A1	19990527	WO 98TR18	A	19980805	199928 B
AU 9888221	A	19990607	AU 9888221	A	19980805	199943

Priority Applications (No Type Date): TR 971377 A 19971117

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
WO 9925265 A1 E 20 A61B-017/64

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9888221 A A61B-017/64 Based on patent WO 9925265

**Abstract (Basic):**

... Reduced size improved **x - ray** images. Lockable articulation movement. **Modular construction** to suit need. Lightweight. Hygienic. Sufficiently **impervious** to **x-rays**. Easy to use. Acceptable to patient. Reduced risk of nail loosening. Stable construction...

12/3,K/8 (Item 8 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

012062760

WPI Acc No: 1998-479671/199841

XRAM Acc No: C98-145081

**Composition for preparation of building components having increased mean density - contains sulphur, filler, aggregate, and has increased compressive strength**

Patent Assignee: PENZA ARCHITECTURE BUILDING INST (PEAR-R)

Inventor: KIRSANOV A S; KOROLEV E V; PROSHIN A P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2105739	C1	19980227	RU 95121049	A	19951213	199841 B

Priority Applications (No Type Date): RU 95121049 A 19951213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RU 2105739	C1		2	C04B-028/36	

...Abstract (Basic): The composition for the preparation of **building components** and for **protection** against ionising **radiation**, contains sulphur (S), a filler and an aggregate. The novelty of the composition is that...

12/3,K/9 (Item 9 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

011990403

WPI Acc No: 1998-407313/199835

XRAM Acc No: C98-122877

XRPX Acc No: N98-318007

**Surface protection transfer material for outer cladding of building , shaping component of motor vehicles - in which butyral resin based intermediate layer and cementing layer are sequentially arranged on surface of radiation resin layer**

Patent Assignee: OIKE KOGYO KK (OIKE )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10166510	A	19980623	JP 96360039	A	19961212	199835 B
JP 3192102	B2	20010723	JP 96360039	A	19961212	200143

Priority Applications (No Type Date): JP 96360039 A 19961212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10166510	A		4	B32B-027/00	
JP 3192102	B2		4	B32B-027/30	Previous Publ. patent JP 10166510

**Surface protection transfer material for outer cladding of building , shaping component of motor vehicles...**

...which butyral resin based intermediate layer and cementing layer are sequentially arranged on surface of radiation resin layer

12/3,K/10 (Item 10 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

010393193

WPI Acc No: 1995-294506/199539

XRAM Acc No: C95-132479

**A method of recycling radioactive and/or hazardous wastes - into a wide variety of articles which are used to store, shield, support or handle additional radioactive and/or hazardous materials.**

Patent Assignee: SCI ECOLOGY GROUP INC (SCEC-N); SCI ECOLOGY GROUP (SCEC-N)

Inventor: ARROWSMITH H W; INGRAM J D; RAMSEY T B; ROY B A

Number of Countries: 013 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 669626	A2	19950830	EP 95301131	A	19950222	199539 B
CA 2143366	A	19950826	CA 2143366	A	19950224	199546
JP 8005793	A	19960112	JP 9565073	A	19950227	199611
EP 669626	A3	19951213	EP 95301131	A	19950222	199619
US 5545796	A	19960813	US 94201946	A	19940225	199638
TW 278186	A	19960611	TW 95103184	A	19950401	199639
US 5789648	A	19980804	US 94201946	A	19940225	199838
			US 95451449	A	19950526	
MX 191662	B	19990407	MX 951058	A	19950222	200055

Priority Applications (No Type Date): US 94201946 A 19940225; US 95451449 A 19950526

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 669626	A2	E 17	G21F-009/34	
Designated States (Regional): BE DE ES FR GB IT NL SE				
CA 2143366	A		G21F-009/16	
JP 8005793	A	15	G21F-009/30	
EP 669626	A3		G21F-009/34	
US 5545796	A	16	G21F-009/00	
TW 278186	A		G21F-005/06	
US 5789648	A		G21F-009/00	Div ex application US 94201946 Div ex patent US 5545796
MX 191662	B		G21F-009/000	

...Abstract (Basic): USE - Recycling **radioactive** and/or hazardous wastes into useful articles, e.g. storage containers, **shielding components**, **building** materials, shock absorbers, cutting and shaping tools, **seals**, supports, moulds, aggregates, and items in contact with **radioactive** and/or hazardous materials...

12/3,K/11 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

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008441499 \*\*Image available\*\*

WPI Acc No: 1990-328499/199044

XRPX Acc No: N90-251474

**Modular assembly for high voltage transistor frequency changer - provides physical separation of power output, control module and pulse unit in minimum space**

Patent Assignee: VEB TRANSFORMATOREN (TRAU )

Inventor: FEHRE J; REUTHER R

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4000056	A	19901025	DE 4000056	A	19900103	199044 B
DD 282551	A	19900912				199107

Priority Applications (No Type Date): DD 327844 A 19890421

...Abstract (Basic): A bridge connected transistor frequency changer for supplying the high voltage transformer of an **X - ray** generator comprises input/output terminals, power transistors (2,3) and varistor **protection** unit (8). **Modular construction** employs screwed pillars

(9,10) and plate (1) serves as a voltage reference e.g...

12/3,K/12 (Item 12 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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007486937

WPI Acc No: 1988-120870/198818

XRAM Acc No: C88-054107

**Structure incorporating radioactive plant components - to shield the components within the structure and surround sides and bottom by a container**

Patent Assignee: SIEMENS AG (SIEI )

Inventor: OPERSCHALL H

Number of Countries: 010 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 265697	A	19880504	EP 87114292	A	19870930	198818 B
JP 63115091	A	19880519	JP 87254527	A	19871008	198826
US 4950086	A	19900821	US 89398296	A	19890824	199036
EP 265697	B1	19930407	EP 87114292	A	19870930	199314
DE 3785293	G	19930513	DE 3785293	A	19870930	199320
			EP 87114292	A	19870930	
JP 94008884	B2	19940202	JP 87254527	A	19871008	199408

Priority Applications (No Type Date): DE 3634881 A 19861013

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 265697	A	G	5		
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Designated States (Regional): CH DE FR GB IT LI NL SE

EP 265697	B1	G	5	G21D-001/00	
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Designated States (Regional): CH DE FR GB IT LI NL SE

DE 3785293	G			G21D-001/00	Based on patent EP 265697
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JP 94008884	B2		3	G21C-013/00	Based on patent JP 63115091
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**Structure incorporating radioactive plant components...**

**...to shield the components within the structure and surround sides and bottom by a container**

...Abstract (Basic): USE/ADVANTAGE - The arrangement can be used for a **structure incorporating radioactive components** which are contained by **shielding** assemblies. Personnel exposure to **radiation** due to neutron activated accumulated during disassembly operations is minimised.

12/3,K/13 (Item 13 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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004736403

WPI Acc No: 1986-239745/198637

XRAM Acc No: C86-103080

**Forming bond between thermoplast contg. substd. phenylene oxide units - and filled plasticised rubber contg. double bonds, by heating in presence of vulcanising system**

Patent Assignee: HUELS AG (CHEM )

Inventor: JADAMUS H; RICHTER K P; RICHTER K

Number of Countries: 015 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3602705	A	19860904	DE 3602705	A	19860130	198637 B
EP 196407	A	19861008	EP 86100662	A	19860120	198641

JP 61204260	A	19860910	JP 8644321	A	19860303	198643
BR 8600898	A	19861111				198652
ES 8809699	A	19880201	ES 552585	A	19860303	198811
CA 1267764	A	19900417				199020
EP 196407	B	19910102				199102
DE 3676328	G	19910207				199107
US 5153076	A	19921006	US 86831449	A	19860220	199243
			US 87115567	A	19871029	
			US 91671647	A	19910320	
JP 93030182	B	19930507	JP 8644321	A	19860303	199321

Priority Applications (No Type Date): DE 3537154 A 19851018; DE 3507506 A 19850304; DE 3602705 A 19860130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3602705	A		39		
EP 196407	A	G			
Designated States (Regional): AT BE CH DE FR GB IT LI NL SE					
EP 196407	B				
Designated States (Regional): AT BE CH DE FR GB IT LI NL SE					
US 5153076	A			B32B-027/32	Cont of application US 86831449
					Cont of application US 87115567
JP 93030182	B		16	B32B-027/00	Based on patent JP 61204260

...Abstract (Basic): sealing gaskets; parts of hydraulically or pneumatic pneumatically operated appts. for steering or power transmission; **building components** for absorbing sound, vibration, shock, or **radiation** - spring elements; A)- **reinforced** rubber profiles; conveyor belts, belt drives, vehicle tyres; pressure rollers for video and audio tape...

12/3,K/14 (Item 14 from file: 351)

DIALOG(R)File 351:Derwent WPI

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004527067

WPI Acc No: 1986-030411/198605

XRPX Acc No: N86-021936

**Protective housing for data carrier or documents - has inner and outer metal skins sandwiching heat resistive layers with mechanical strengthening**

Patent Assignee: ABS ALLGEM BRANDSCH (ABSA-N); ABS ALLGEMEINER BRANDSCHUTZ (ABSA-N); ABS BRANDSCHUTZ GMB (ABSB-N); BRANDSCHUTZ GMBH (BRAN-N)

Inventor: RICHTER K

Number of Countries: 012 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 169802	A	19860129	EP 85730092	A	19850627	198605 B
NO 8502961	A	19860224				198615
US 4628826	A	19861216	US 85759470	A	19850726	198701
DD 246586	A	19870610				198743
US 4729326	A	19880308	US 86920529	A	19861017	198813
DD 253450	A	19880120				198824
EP 169802	B	19880907				198836
DE 3564840	G	19881013				198842
CA 1265307	A	19900206				199010

Priority Applications (No Type Date): CH 843615 A 19840727

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 169802	A	G	16		
Designated States (Regional): AT CH DE FR GB IT LI SE					
EP 169802	B	G			
Designated States (Regional): AT CH DE FR GB IT LI SE					



...Abstract (Equivalent): makes it possible to obtain shelters in random size, without it being necessary to modify **structure** or individual **components**. Reliable **protection** against fire and **radiation** effects. (5pp)1

12/3,K/15 (Item 15 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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003944752

WPI Acc No: 1984-090296/198415

XRAM Acc No: C84-038313

Radiation shielding structure component - has fibre layers  
surrounding panel-shaped shielding core and normal lateral flanges

Patent Assignee: BAGNELL M J (BAGN-I)

Inventor: IVY W R

Number of Countries: 011 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 104867	A	19840404	EP 83305518	A	19830920	198415 B
US 4514640	A	19850430	US 82425724	A	19820928	198520
EP 104867	B	19880113				198802
DE 3375343	G	19880218				198808

Priority Applications (No Type Date): US 82425724 A 19820928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 104867	A	E	12		
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Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

EP 104867	B	E			
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Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

Radiation shielding structure component -

12/3,K/16 (Item 16 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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003107962

WPI Acc No: 1981-L8010D/198146

Assembling components in electron beam appts. - using insulating support  
and vacuum seal arrangement with screw threads on components

Patent Assignee: NICOLET XRD CORP (NICO-N)

Inventor: VICTORELY R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1602442	A	19811111				198146 B

Priority Applications (No Type Date): GB 7712752 A 19770325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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GB 1602442	A		6		
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...Abstract (Basic): with the end face of the tube. The appts. is used in  
assembly and vacuum **sealing** of demountable **components**, e.g.  
**construction** of demountable **X-ray** tubes...

12/3,K/17 (Item 17 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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002494427

WPI Act No: 1980-12442C/198007

**Protecting freshly laid reinforced concrete - by covering with waterproof material precoated with heat reflecting layer, used in prefabricated structure mfr.**

Patent Assignee: CONS ORGAN MECHN (CSOR-R)

Inventor: BERZOVSKI B I; PODGORNOV V I; POPOV L P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 666157	A	19790608				198007 B

Priority Applications (No Type Date): SU 2461369 A 19770311

...Abstract (Basic): Higher quality **prefabricated reinforced concrete structure** showing increased resistance to cracking are obtd. when the freshly laid concrete is covered with...

...of moisture by evapn.) precoated with a heat reflecting layer reflecting 70-80% of IR **radiation**. This prevents the surface layers of the concrete from overheating...

12/3,K/18 (Item 18 from file: 351)

DIALOG(R)File 351:Derwent WPI

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001687091

WPI Acc No: 1977-C3570Y/197712

**Beam barrier suitable for component construction - has transmitter emitting electromagnetic radiation and receiver for radiation passing through surveillance space**

Patent Assignee: SICK OPTIK ELEKTRONIK ERWIN (SIOP )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2539438	A	19770317				197712 B
DE 2539438	B	19780601				197823

Priority Applications (No Type Date): DE 2539438 A 19750904

**Beam barrier suitable for component construction - ...**

...has transmitter emitting electromagnetic radiation and receiver for radiation **passing through surveillance space**

12/3,K/19 (Item 19 from file: 351)

DIALOG(R)File 351:Derwent WPI

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000856924

WPI Acc No: 1972-16885T/197211

**Radiation shield building component - contg laminated reinforced plastics**

Patent Assignee: KOWOL GMBH (KOW -N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2043115	A					197211 B

Priority Applications (No Type Date): DE 2043115 A 19700831

**Radiation shield building component -**

12/3,K/20 (Item 20 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

000795401

WPI Acc No: 1971-37077S/197122

**Refractory enamels with low and high - melting components**

Patent Assignee: SIEMENS AG (SIEI )

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 1957622	A					197122 B
FR 2069308	A					197149

Priority Applications (No Type Date): DE 1957622 A 19691115

...Abstract (Basic): Refractory enamel **protective** layers for enamelling **building components** for nuclear reactors and shapes difficult to enamel, and to provide crack- and pore-free heat- and **radiation** insulators on steels, Ni- and Co alloys, Mo, W and Nb consist of mixtures of...

12/3,K/21 (Item 21 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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000578796

WPI Acc No: 1968-17595Q/196800

**Building component for anti- radiation protection is formed of a material comprising a Pb cpd. and an animal or vegetable oil or thermosetting resin, the materia**

Patent Assignee: GLASSWALL PROJECTS LTD (GLAO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1137554	A					196800 B

Priority Applications (No Type Date): GB 6540017 A 19650920

**Building component for anti- radiation protection is formed of a material comprising a Pb cpd. and an animal or vegetable oil...**

...Abstract (Basic): **Building component** for anti- **radiation protection** is formed of a material comprising a Pb cpd. and an animal or vegetable oil

12/3,K/22 (Item 22 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07389482

**\*\*Image available\*\***

**TEMPORARY STRUCTURE FOR SHIELDING FROM RADIATION**

PUB. NO.: 2002-257983 [JP 2002257983 A]  
PUBLISHED: September 11, 2002 (20020911)  
INVENTOR(s): OTANAGI MITSUAKI  
APPLICANT(s): ISHIKAWAJIMA HARIMA HEAVY IND CO LTD  
APPL. NO.: 2001-058234 [JP 20011058234]  
FILED: March 02, 2001 (20010302)

**TEMPORARY STRUCTURE FOR SHIELDING FROM RADIATION**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **temporary shielding structure** against **radiation** capable of easily **shielding** indirect **radiation** from a pressure vessel of an atomic reactor and a **radioactivated** structure, and making the actual work time extraordinarily longer.

SOLUTION: A support member 23 is...

...that a temporary frame 21 is composed around a work space to be shielded from **radiation**. On this temporary frame 21, shielding members 22 such as mats of lead plates and mats of lead bristles are installed for shielding from **radiation**. The shielding members 22 can thus be installed even on a flat space, investigation in...

... construction can be coped with, workers or the like can be easily shielded from indirect **radiation**, and the actual work time can be extraordinarily made longer.

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12/3,K/23 (Item 23 from file: 347)

DIALOG(R)File 347:JAPIO

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06707097

PRODUCTION OF PHOTOLITHOGRAPHIC STRUCTURE

PUB. NO.: 2000-292929 [JP 2000292929 A]

PUBLISHED: October 20, 2000 (20001020)

INVENTOR(s): SCHROEDER UWE PAUL

GERHARD KUNKEL

ALOIS GUTMAN

SPULER BRUNO

APPLICANT(s): INFINEON TECHNOL NORTH AMERICA CORP

APPL. NO.: 2000-092100 [JP 200092100]

FILED: March 29, 2000 (20000329)

PRIORITY: 282745 [US 99282745], US (United States of America), March 31, 1999 (19990331)

ABSTRACT

...of producing a photolithographic structure, the photoresist containing a photoactive component that responds to actinic **radiation** and a base resin having a protected active part is applied to a substrate, patternwise exposed to an effective dose of actinic **radiation** and exposed to a developer to form a patterned photoresist. The protected active part of...

... the formed reactive part is allowed to react with a silylating agent containing an etching **protective** component to incorporate the etching **protective component** into the **structure** of the base resin and the substrate is etched to product the objective photolithographic structure...

12/3,K/24 (Item 24 from file: 347)

DIALOG(R)File 347:JAPIO

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06480398

\*\*Image available\*\*

EXCHANGE METHOD FOR LARGE COMPONENT AND STRUCTURE IN NUCLEAR POWER STATION

PUB. NO.: 2000-065975 [JP 2000065975 A]

PUBLISHED: March 03, 2000 (20000303)

INVENTOR(s): SUGIMOTO YOSHIKAZU

AOKI MASATAKA

HOSOYA KIYOKAZU

ADACHI TAKAHIRO  
APPLICANT(s): HITACHI LTD  
I C C K K  
APPL. NO.: 10-231878 [JP 98231878]  
FILED: August 18, 1998 (19980818)

ABSTRACT

...airlock as a large structure, maintaining airtightness without providing additional air conditioning device and special **seal** means and reducing the amount of **radioactive** waste.

SOLUTION: A **temporary building** 30 provided with chambers 30A and 30B placed on the second floor layer, an outside...

12/3,K/25 (Item 25 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04752851 \*\*Image available\*\*  
SWITCHING TRANSFORMER

PUB. NO.: 07-045451 [JP 7045451 A]  
PUBLISHED: February 14, 1995 (19950214)  
INVENTOR(s): KAMATA MITSUYOSHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-187837 [JP 93187837]  
FILED: July 29, 1993 (19930729)

ABSTRACT

... between the shield layers 5, 6 of winding is stabilized constantly to form an electrostatic **shield** between the primary and secondary windings 3, 4. This **structure** reduces asymmetrical **component** in the undesired **radiation** of power supply significantly.

12/3,K/26 (Item 26 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04232287 \*\*Image available\*\*  
MEDICAL RADIATION SHIELD ROOM

PUB. NO.: 05-223987 [JP 5223987 A]  
PUBLISHED: September 03, 1993 (19930903)  
INVENTOR(s): UEDA YASUO  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-015728 [JP 9215728]  
FILED: January 31, 1992 (19920131)  
JOURNAL: Section: P, Section No. 1657, Vol. 17, No. 669, Pg. 36,  
December 09, 1993 (19931209)

ABSTRACT

...CONSTITUTION: The medical **radiation** shield room comprises labyrinth structure projected so as to Z-shapedly have access to an...

... on a plotting line 31 in the righthand figure at each corner of the labyrinth **structure**. Because the **temporary** scattering face is not seen through the **protection** door 1, a scattering **ray** incident on the door can be reduced in the order of figures in the case of an **X - ray** and one figure in the other case of a neutron, compared with the conventional. In ...

12/3,K/27 (Item 27 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02355664 \*\*Image available\*\*  
INFRARED RAY DETECTOR

PUB. NO.: 62-272564 [JP 62272564 A]  
PUBLISHED: November 26, 1987 (19871126)  
INVENTOR(s): HIKITA SOICHIRO  
TANIGAWA KUNIHIRO  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 61-116414 [JP 86116414]  
FILED: May 20, 1986 (19860520)  
JOURNAL: Section: E, Section No. 608, Vol. 12, No. 158, Pg. 146, May  
13, 1988 (19880513)

#### ABSTRACT

PURPOSE: To obtain an infrared **ray** detector having preferable cold **shielding** effect, large S/N, an integral **structure** without separate **component**, and small volume in short manufacturing steps by providing an electric signal processor made of an infrared **ray** transmitting plate formed with an infrared **ray** opaque film except a region opposed to a photodetector oppositely to a planar infrared **ray** photodetector...

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Set	Items	Description
S1	3757817	COMPONENT? ? OR MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL-??) (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PREFAB
S2	9615927	BUILDING OR CONSTRUCTION OR STRUCTURE OR EDIFICE
S3	3873718	BARRIER OR SHIELD??? OR REINFORCE? OR BULKHEAD OR BUFFER OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT???
S4	14027681	THERAPEUTIC OR MEDICAL OR ROENTGEN OR ADJUVANT OR CURATIVE OR TREATMENT OR HEALING
S5	5889267	RADIATION OR RADIOACTIV? OR RAY? ?
S6	2824212	X()RAY OR XRAY OR RADIOTHERAPY OR PET OR POSITRON()EMISSION
S7	96502	S1(2N)S2
S8	8018	S3(10N)S7
S9	6318415	S5 OR S6
S10	100	S8(S)S9
S11	310741	MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL??) (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PREFAB
S12	27274	S2(2N)S11
S13	1354	S3(10N)S12
S14	9	S9(S)S13
S15	2891663	(S4(5N)S5) OR S6
S16	10	S8(S)S15
S17	17	S14 OR S16
S18	16	S17 NOT PY>2001
S19	16	S18 NOT PD=20010515:20030430

S20

16

RD (unique items)



20/3,K/1 (Item 1 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03482974 E.I. Monthly No: EI9209111027

Title: **Protection of chromium steel from corrosive effect of Li//1//7Pb//8//3 eutectic by diffusion coating.**

Author: Duryagina, Z. A.; Bondar', E. R.; Zyryanov, V. I.

Source: Fizika i Khimiya Obrabotki Materialov n 4 Jul-Aug 1991 p 107-110

Publication Year: 1991

CODEN: 500047

Language: Russian

...Abstract: The nature of concentration distribution in thickness for a diffusant - vanadium - is revealed by an **X - ray** spectrum microanalysis. Measurements of the dissolution rate for coated and uncoated samples show that vanadium...

...Li eutectic melt. Thermocycling yields more dense and uniform coatings. These properties are a reliable **barrier** to the carry-over of **construction components** into a corrosive melt. Advantageous of vanadium coatings formed by crystallization from oversaturated melt of...

20/3,K/2 (Item 2 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

01563924 E.I. Monthly No: EI8409089451 E.I. Yearly No: EI84040311

Title: **19-in. CABINETS SPORT SHIELDING FOR FCC COMPLIANCE.**

Author: Marrin, Ken

Corporate Source: EDN, Boston, Mass, USA

Source: EDN v 29 n 14 Jul 12 1984 p 156-164

Publication Year: 1984

CODEN: EDNSBH ISSN: 0012-7515

Language: ENGLISH

...Descriptors: **Modular Construction ; RADIATION PROTECTION --**

20/3,K/3 (Item 1 from file: 118)  
DIALOG(R)File 118:ICONDA-Intl Construction  
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0230782 ICONDA Accession Number: 1989(02):1002525 ICONDA

**Zerstoerungsfreie Pruef- und Messmethoden im Bauwesen. Beitrage4.**

**Gammagraphie fuer Bewehrungsermittlung**

**Non-destructive test methods and measuring techniques in construction - contributions. Part 4**

Loeffel Reinhard (Author); Berger Juergen (Author); Schultz Werner (Author)

Bauakademie der DDR, Bauinformation, Berlin/Ost (Editor)

SERIES TITLE: Bauforschung, Baupraxis; 233

24 p, figs., tabs., refs

PUBLISHER: in-house publishing, Berlin/Ost

ISBN: 3-7441-0096-0 PUBLICATION DATE: 19880000

LANGUAGE: German SUMMARY LANGUAGE: German; English; French; Russian

...an on-site radiographic examination of reinforced concrete constructions and the evaluation of the exposed **x - ray** films are described. Experimental investigations served to detect uncertainties of testing in the determination of bar diameters and concrete cover depending on the **building component**, the **reinforcement** system and on the size of the bar diameters. Included are important technical and economical...

20/3,K/4 (Item 2 from file: 118)  
DIALOG(R)File 118:ICONDA-Intl Construction  
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0230528 ICONDA Accession Number: 1989(02):1002315 ICONDA

**Schutz vor Strahlen**

**Protection against rays**

Trockenbau  
v.5, no.4 p.40,42-45, figs.,sect.,plans  
COUNTRY OF PUBLICATION: Germany  
ISSN: 0179-8006 PUBLICATION DATE: 19880000  
LANGUAGE: German SUMMARY LANGUAGE: German

DESCRIPTORS: **construction** component; wall; architecture; hospital  
building; partition; **radiation protection** ; **medical** practice; hospital  
; dry construction; gypsum plasterboard; detailing; installations; Kunz, H.  
(architect); Rottweil; Baden-Wuerttemberg; DE

20/3,K/5 (Item 3 from file: 118)  
DIALOG(R)File 118:ICONDA-Intl Construction  
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0185062 ICONDA Accession Number: 1987(10):1001027 ICONDA

**Spezialbeton mit Strahlenschutz. Produkte. Rohbau, Ausbau, Maschinen und  
Geraete**

**Spezialbeton mit Strahlenschutz. Produkte. Rohbau, Ausbau, Maschinen und  
Geraete. Special concrete with radiation protection.Products.Carcass ,  
interior design , machines and equipment**

Element und Fertigbau  
v.22, no.5 p.40  
COUNTRY OF PUBLICATION: Germany  
ISSN: 0013-5925 PUBLICATION DATE: 19850000  
LANGUAGE: German

DESCRIPTORS: construction material; building physics/building chemistry;  
radiation; **radiation protection** ; **prefabricated construction** ;  
material characteristic

20/3,K/6 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7043369 INSPEC Abstract Number: A2001-21-2875-001, B2001-11-7530B-001

**Title: Industrial complex for solid radwaste**

Author(s): Ahner, S.  
Author Affiliation: NUKEM GmbH, Alzenau, Germany  
Journal: Atomwirtschaft - Atomtechnik vol.46, no.7 p.493-8  
Publisher: INFORUM GmbH,  
Publication Date: July 2001 Country of Publication: Germany  
CODEN: AWAKAG ISSN: 1431-5254  
SICI: 1431-5254(200107)46:7L.493:ICSR;1-9  
Material Identity Number: A150-2001-007  
Language: English  
Subfile: A B  
Copyright 2001, IEE

...Abstract: site in Ukraine, several facilities are being erected under  
the EU TACIS program for the **treatment** of **radioactive** waste. The  
subprojects covered in the article, referred to as LOT 1-3, are called  
Industrial Complex for Solid Radwaste Management (ICSRM). They comprise  
facilities for the retrieval and **treatment** of solid **radioactive** waste  
and the construction of a store for shortlived waste. The three

international companies participating...

... waste from the XTO interim storage facility on the Chernobyl site. This waste mainly includes **protective** clothing, metal parts, **building components**, and graphite. The facility to be built within LOT 2 will be used to treat...

20/3,K/7 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00037708 INSPEC Abstract Number: B69012422

Title: **Thermionic research and development program (Quarterly progress report)**

Author(s): Jacobson, D.L.; Hamerdinger, R.; Campbell, A.

Issued by: Electro-Optical Systems, Inc., Pasadena, CA, USA

Publication Date: 12 July 1968 Country of Publication: USA 71 pp.

Report Number: NASA-CR-95979 Contract Number: NAS7-100;JPL-952217

Language: English

Subfile: A B

...Abstract: work functions were made, and electrode surfaces using a thermionic emission microscope were examined. Both **X - ray** and metallographic analyses were made, and a vapor- deposited rhenium variable parameter rest vehicle was...

...cylinder converter; and details are included of the emitter subassembly, emitter support structure, collector- radiator **structure**, **prefabricated** metal-to-ceramic **seals**, and cesium reservoir.

20/3,K/8 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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2123135 NTIS Accession Number: DE99001674/XAB

**Out-of-tank evaporator demonstration: Tanks focus area**

Dept. of Energy, Office of Environmental Management, Washington, DC (United States).

Corp. Source Codes: 888888888

Sponsor: Department of Energy, Washington, DC.

Report No.: DOE/EM-0373

30 Nov 1998 22p

Languages: English

Journal Announcement: GRAI9915; ERA9915

Sponsored by Department of Energy, Washington, DC.

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NTIS Prices: PC A03/MF A01

... Environmental Laboratory (INEEL), Savannah River Site (SRS), and Oak Ridge Reservation (ORR). This waste is **radioactive** with a high salt content. The US Department of Energy (DOE) wants to minimize the volume of **radioactive** liquid waste in USTs by removing the excess water. This procedure conserves tank space; lowers...

... 1995, the skid-mounted evaporator system was procured and installed in an existing ORNL facility (**Building** 7877) with **temporary shielding** and remote controls. The evaporator system was operational in January 1996. The system operated 24...

20/3,K/9 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS  
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1587130 NTIS Accession Number: DE91011205

**Oscillating liquid flow ICF Reactor. Revision 1**

Petzoldt, R. W.

Lawrence Livermore National Lab., CA.

Corp. Source Codes: 068147000; 9513035

Sponsor: Department of Energy, Washington, DC.

Report No.: UCRL-JC-103818-REV.1; CONF-901007-7-REV.1

14 Dec 90 17p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI9118; ERA9138

Topical meeting on technology of fusion energy (9th), Oak Brook, IL (USA), 7-11 Oct 1990. Sponsored by Department of Energy, Washington, DC.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

... driver beam paths of residual liquid droplets. Oscillating flow will also provide adequate neutron and **x - ray** protection for the reactor structure with a short (2-m) fall distance permitting an 8...

... features to clear the entire heavy-ion beam path of splashed molten salt. The structural **components**, including the **structure** between beam ports, are **shielded**. 3 refs., 12 figs.

20/3,K/10 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1548057 NTIS Accession Number: DE91000793

**Oscillating liquid flow ICF reactor**

Petzoldt, R. W.

Lawrence Livermore National Lab., CA.

Corp. Source Codes: 068147000; 9513035

Sponsor: Department of Energy, Washington, DC.

Report No.: UCRL-JC-103818; CONF-901007-7

4 Oct 90 24p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI9105; ERA9108

Topical meeting on technology of fusion energy (9th), Oak Brook, IL (USA), 7-11 Oct 1990. Sponsored by Department of Energy, Washington, DC.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

... driver beam paths of residual molten salt. Oscillating flow will also provide adequate neutron and **x - ray** protection for the reactor structure with a short (2-m) fall distance permitting an 8...

... features to clear the entire heavy-ion beam path of splashed molten salt. The structural **components**, including the **structure** between beam ports, are **shielded**. 3 refs., 12 figs.

20/3,K/11 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1443721 NTIS Accession Number: DE88705607

**Proposed Development Programme for a Temporary Containment System for**

**alpha Active Decommissioning**

Pengelly, M. G. A. ; Burnett, R. C.  
UKAEA Atomic Energy Establishment, Winfrith (England). Materials  
Technology Div.  
Corp. Source Codes: 069908003; 9050785  
Report No.: AEEW-M-2239; PCMRP-83-14  
Jun 83 14p  
Languages: English  
Journal Announcement: GRAI8916  
U.S. Sales Only. Order this product from NTIS by: phone at 1-800-553-NTIS  
(U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547;  
and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal  
Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC A03/MF A01

... with plutonium, the system, when fully developed, has obvious  
applications wherever a temporary containment of **radioactive** or toxic  
materials is required. The fundamental feature of the proposal is that  
strippable coatings...  
...surfaces of the working area from becoming contaminated. It is envisaged  
that this method of **protecting** the surfaces will enable the **modular**  
containment **structure** to be disassembled and re-used. (Atomindex  
citation 20:022958)

**20/3,K/12 (Item 5 from file: 6)**  
DIALOG(R)File 6:NTIS  
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1440462 NTIS Accession Number: AD-D014 000/4  
**Thermionic Reactor Module with Thermal Storage Reservoir**  
(Patent)  
Kennel, E. B.  
Department of the Air Force, Washington, DC.  
Corp. Source Codes: 000260000; 109850  
Report No.: PAT-APPL-7-024 447; PATENT-4 755 350  
Filed 11 Mar 87 patented 5 Jul 88 6p  
Languages: English Document Type: Patent  
Journal Announcement: GRAI8915  
Supersedes PAT-APPL-7-024 447, AD-D013 151.  
This Government-owned invention available for U.S. licensing and,  
possibly, for foreign licensing. Copy of patent available Commissioner of  
Patents, Washington, DC 20231 \$1.50.  
NTIS Prices: Not available NTIS

...Descriptors: emission; Conical bodies; Containers; Electrodes;  
Emitters; Energy; Energy conversion; Heat; Heat pipes; Heat resistant  
materials; **Modular construction** ; Phase transformations; **Radiation  
shielding** ; Radiators(General); Thermionic converters; Wastes

**20/3,K/13 (Item 6 from file: 6)**  
DIALOG(R)File 6:NTIS  
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0956611 NTIS Accession Number: DE82003811/XAB  
**High-Radiation Zone Design of the FMIT High-Density Beam Transport**  
Creek, K. O. ; Liska, D. J. ; King, J. D. ; Cole, T. R. ; Cimabue, A. G.  
Hanford Engineering Development Lab., Richland, WA.  
Corp. Source Codes: 056188000; 2906800  
Sponsor: Los Alamos National Lab., NM.; Department of Energy, Washington,  
DC.  
Report No.: HEDL-SA-2450; CONF-810314-170  
Mar 81 7p  
Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8215; NSA0700

Particle accelerator conference, Washington, DC, USA, 11 Mar 1981.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

... design concept, that uses segmented termination panels remotely located from the modules, is being employed. **Radiation** -hardened quadrupoles can be opened, clam-shell fashion, to release the water-cooled beam tube...

... instrumentation fittings to service the module, and are positioned to allow room for neutron-absorbing **shielding** between the beamline and the panel. The **modular construction** allows laboratory prealignment and check-out of all components on a structural carriage and is...

20/3,K/14 (Item 7 from file: 6)

DIALOG(R)File 6:NTIS

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0897758 NTIS Accession Number: LA-UR-81-770/XAB

**High-Radiation-Zone Design of the FMIT High-Energy Beam Transport**

Liska, D. J. ; King, J. D. ; Cole, T. R. ; Cimabue, A. G. ; Robeson, L.

P.

Los Alamos Scientific Lab., NM.

Corp. Source Codes: 016457000; 3820000

Sponsor: Department of Energy, Washington, DC.

Report No.: CONF-810314-26

1981 4p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8118; NSA0600

Particle accelerator conference, Washington, DC, USA, 11 Mar 1981.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

... design concept, that uses segmented termination panels remotely located from the modules, is being employed. **Radiation** -hardened quadrupoles can be opened, clamshell fashion, to release the water-cooled beam tube replacement...

... instrumentation fittings to service the module, and are positioned to allow room for neutron-absorbing **shielding** between the beamline and the panel. The **modular construction** allows laboratory prealignment and check-out of all components on a structural carriage and is...

20/3,K/15 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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15184173 PASCAL No.: 01-0349138

**Industrial Complex for Solid radwaste management**

AHNER S

NUKEM Nuklear GmbH, Industriestrasse 13, 63754 Alzenau, Germany

Journal: Atw. Atomwirtschaft-Atomtechnik - Internationale Zeitschrift fuer Kernenergie, 2001, 46 (7) 493-498

Language: English

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... site in Ukraine, several facilities are being erected under the EU TACIS program for the **treatment** of **radioactive** waste. The subprojects covered in the article, referred to as LOT 1-3, are called Industrial Complex for Solid Radwaste Management (ICSRM). They comprise facilities for the retrieval and **treatment** of solid **radioactive** waste and the construction of a store for shortlived waste. The three international companies participating...

... waste from the XTO interim storage facility on the Chernobyl site. This waste mainly includes **protective** clothing, metal parts, **building components**, and graphite. The facility to be built within LOT 2 will be used to treat...

20/3,K/16 (Item 2 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2003 INIST/CNRS. All rts. reserv.

06076162 PASCAL No.: 85-0337766  
**Praezision im Grossmatzstab-Boliner Elektroneuspeicherring (Bessy)**  
**(Precision pour de grandes dimensions. L'anneau a electrons de Berlin (Bessy))**

WITTE B

Journal: Beton, 1985, 35 (2) 49-53

Language: German Summary Language: English; French

English Descriptors: Heavy concrete; Concrete **construction** ;  
**Prefabricated construction** ; **X ray** ; **Reinforced concrete** ;  
Execution of works

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File 47:Gale Group Magazine DB(TM) 1959-2003/Mar 03  
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(c)2003 The Gale Group  
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(c) 1999 Forecast Intl/DMS  
File 587:Jane's Defense&Aerospace 2003/Feb W4  
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File 589:FI Defense Market Intelligence 2003/Mar 03  
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File 187:F-D-C Reports 1987-2003/Mar W1  
(c) 2003 F-D-C Reports Inc.  
File 441:ESPICOM Pharm&Med DEVICE NEWS 2003/Mar W1  
(c) 2003 ESPICOM Bus.Intell.  
File 442:AMA Journals 1982-2003/Jun B1  
(c)2003 Amer Med Assn -FARS/DARS apply

*full text  
NPL files*

Set	Items	Description
S1	406003	MODULAR OR PREASSEMBLED OR (PRE OR PARTIAL??) (FAB OR FABRICATE? ? OR ASSEMBLE? ? OR RIG OR RIGGED) OR REMOVABLE OR TEMPORARY OR IMPERMANENT OR PREFABRICATED OR PREFAB OR PORTABLE? ?
S2	3041832	BUILDING? ? OR CONSTRUCTION OR STRUCTURE? ? OR EDIFICE? ? - OR ROOM? ? OR LAB OR LABS OR LABORATORY? ? OR LABORATORIES
S3	1408075	BARRIER? ? OR SHIELD??? OR REINFORCE? OR BULKHEAD? ? OR BUFFER? ? OR IMPERVIOUS OR IMPENETRABLE OR SEAL??? OR PROTECT???
S4	1219370	THERAPEUTIC OR MEDICAL OR ROENTGEN OR ADJUVANT OR CURATIVE OR TREATMENT OR HEALING
S5	252426	RADIATION OR RADIOACTIV? OR RAY? ?
S6	110454	X()RAY? ? OR XRAY? ? OR RADIOTHERAPY OR PET OR POSITRON()EMISSION? ?
S7	12042	S1(2N)S2
S8	169	S3(10N)S7
S9	311873	S5 OR S6
S10	4	S8(S)S9
S11	35	(S1(10N)S3)(S)((S4(2N)S5) OR S6)
S12	39	S10 OR S11
S13	37	S12 NOT PY>2001
S14	36	S13 NOT PD=20010515:20030430
S15	34	RD (unique items)



15/3,K/1 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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05002849 SUPPLIER NUMBER: 19926537 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Unlocking the secrets of the brain. (part 2)**  
Powledge, Tabitha M.  
BioScience, v47, n7, p403(6)  
July-August, 1997  
ISSN: 0006-3568 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5091 LINE COUNT: 00403

... on the properties of the object to be identified.  
The idea that the brain is **modular**, but flexibly so, has been  
**reinforced** by the work of Hanna and Antonio Damasio of the University of  
Iowa, after Raichle...  
...that are separate from both the meaning and sound of the words. Drawing  
partly on **PET** studies of people who show no evidence of impaired language  
skills, the Damasios have argued...

15/3,K/2 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03608483 SUPPLIER NUMBER: 10875673 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Storage technology: a review of options and their implications for  
electronic publishing. (also includes list of other storage technologies  
and a glossary of mass storage terms)**  
Arnold, Stephen E.  
Online, v15, n4, p39(13)  
July, 1991  
CODEN: ONLID ISSN: 0146-5422 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 10554 LINE COUNT: 00832

... in external cases. Syquest Technology and Ricoh have manufactured  
these devices, which are essentially specially **reinforced** hard disks.  
Reliability is sometimes an issue.  
**Removable** cards: Memory cards measure about 2 inches by 3 inches.  
They have a 68-pin...  
...compared with 3,600 rpm for hard disks. Media are insensitive to  
magnetic fields and **x - rays**. Can withstand large particle contamination;  
can withstand greater shocks than Winchester drives. Management software:  
This...

15/3,K/3 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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02943822 SUPPLIER NUMBER: 04805929 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Fetal protection policies: An excuse for workplace hazard.**  
Marshall, Carolyn  
The Nation, v244, p532(3)  
April 25, 1987  
CODEN: NATNB ISSN: 0027-8378 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 2563 LINE COUNT: 00212

... The hospital fired the highly qualified nurse when she became  
pregnant, saying that exposure to **X - rays** could cause miscarriage, birth  
defects or genetic damage. But the lawsuit alleges that there is...

...radiation is often higher for men. Attorneys for the nusre say the hospital could have **protected** her with a **temporary** job transfer or by carefully monitoring her radiation exposure.

Currently environmentalists are investigating whether toseue...

15/3,K/4 (Item 4 from file: 47)  
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02651134 SUPPLIER NUMBER: 00602366

**The Practical Portable.**

Fischer, E.

PC World, p226-230

April, 1985

ISSN: 0737-8939

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: disk drives should be inserted in the drives to prevent head damage. Simple tools, a **modular** phone cord, and surge- **protected** extension cord should also be packed. Backup diskettes should be packed and shipped separately. **X - rays** do not harm data.

15/3,K/5 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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12848676 SUPPLIER NUMBER: 67380042 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Sealer. (Super Poly impulse sealer ) (Brief Article)**

Packaging Digest, 37, 12, 132

Nov, 2000

DOCUMENT TYPE: Brief Article

ISSN: 0030-9117

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 95 LINE COUNT: 00009

TEXT:

The Super Poly impulse **sealer** is a **portable** machine with interchangeable 11-, 15-and 24-in. biactive jaws that can be carried to...

...drum liners and covering large pieces of equipment for shipping. The model provides seals for **PET** , PP and laminates.

15/3,K/6 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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12193613 SUPPLIER NUMBER: 62441588 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Free Brochures Help Prepare for Hurricanes and Floods.**

PR Newswire, 9992

May 30, 2000

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 788 LINE COUNT: 00069

... Instructions are provided for creating a disaster supplies kit that includes water, nonperishable food, a **portable** radio, flashlight, **protective** clothing and **pet** supplies. "Preparing for Floods" also provides detailed instructions on what to do both during and...

15/3,K/7 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11778338 SUPPLIER NUMBER: 58311005 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Gender Patterns in Flood Evacuation: A Case Study in Canada's Red River Valley. (Statistical Data Included)**  
ENARSON, ELAINE; SCANLON, JOSEPH  
Applied Behavioral Science Review, 7, 2, 103  
Fall, 1999  
DOCUMENT TYPE: Statistical Data Included ISSN: 1068-8595  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 11835 LINE COUNT: 00955

... family needs. They "supervised" the removal of heavy furniture, packed up smaller items, identified and **protected** irreplaceable family possessions, found **temporary pet** care, helped children prepare emotionally and materially, and provided meals and voluntary child care to ...

15/3,K/8 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10755907 SUPPLIER NUMBER: 53599258 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Maxwell Technologies' Wins GE Medical Design and Development Contract With Potential Value of \$15 Million; PowerCache Ultracapacitor Designed Into Systems.**  
Business Wire, 0379  
Jan 19, 1999  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 578 LINE COUNT: 00053

Phoenix Power is providing **modular** uninterruptible power systems (UPS) and power distribution units (PDUs) that **protect** the delicate circuitry of **x - ray** equipment from energy fluctuations. A prototype unit is set for delivery this month and first...

15/3,K/9 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09961072 SUPPLIER NUMBER: 20097874 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Beverage World 1998 Buyers' Guide. (Buyers Guide)**  
Beverage World, v116, n1649, p97(58)  
Dec 15, 1997  
DOCUMENT TYPE: Buyers Guide ISSN: 0098-2318 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 51624 LINE COUNT: 04794

... pack Equipment \* Pet Bottle Packaging Equipment \* Pet Bottling Equipment \* Pet Driers & Conveyors \* Plastic Bottle Equipment \* **Portable** Conveyors \* Pouch Filling, **Sealing** Equipment \* Proportioning, Blending, Carbonating Equipment \* Sanitary Conveyors  
Profitmaster Displays Inc. 6151 Powers Ferry Road, #625...

15/3,K/10 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07213485 SUPPLIER NUMBER: 15266918 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Continental flair gets plenty of recognition. (packaging industry) (Worldstar Winners)**  
Pidgeon, Ron  
Packaging Week, v9, n32, p20(1)  
Feb 17, 1994

ISSN: 0267-6117 . LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: , 409 LINE COUNT: 00032

... force; and a peelable lid for pre-cooked foods by Cellografica Gerosa, using a Mylar **PET** structure hermetically **sealed** on aluminium and plastics trays, said to be **removable** without a trace. The single Norwegian success was for a **protective** corrugated transit box system by Glomma Papp, with up to 720 combinations. And Sweden's...

15/3,K/11 (Item 7 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05922944 SUPPLIER NUMBER: 12711111 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A less expensive Tempest alternative? (shielding requirements)**

Hardy, Stephen M.  
Journal of Electronic Defense, v15, n6, p54(5)  
June, 1992

ISSN: 0192-429X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2739 LINE COUNT: 00218

... as one of its clients.  
Ray Proof (Norwalk, CT) is another significant vendor in the **modular room** arena. Its Series 81 **Shielded** Construction System features 28-gauge galvanized steel panels as the material of choice for NSA...

15/3,K/12 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04812738 SUPPLIER NUMBER: 09403649 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Planning the move of patient activities at a large medical center.**

Thompson, Penelope; Parenti, Connie; Peterson, Lance R.  
Hospital & Health Services Administration, v35, n3, p443(18)  
Fall, 1990

ISSN: 8750-3735 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 5246 LINE COUNT: 00418

... time for final inspection of move routes and resolution of any problems that were anticipated. **Temporary barriers** were erected in hallways that were not to be entered, and initial contacts were made...

...were inoperative in certain areas as a result of final installation of electronic equipment and **x-ray** shielding material following the move center site selection. It would have been helpful to have...

15/3,K/13 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03719333 SUPPLIER NUMBER: 06856258 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Tactile orotracheal intubation.**

Graber, Richard F.  
Patient Care, v22, n18, p144(3)  
Nov 15, 1988

ISSN: 0031-305X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1088 LINE COUNT: 00089

... is not breathing spontaneously, blind nasotracheal intubation is extremely difficult. Percutaneous transtracheal ventilation can provide **temporary** ventilation but does not **protect** the airway from aspirating blood or secretions from the oropharynx. Tactile intubation is a good...

...be done with the appropriate cervical spine stabilization mechanisms in place, even before cervical spine **X - ray** , if necessary.

Tactile orotracheal intubation is also useful in patients who have short or obese...

15/3,K/14 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03713714 SUPPLIER NUMBER: 06783138 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Special components and equipment: classical columns, saunas, greenhouses, grilles, signage, fireplaces, lockers, kitchens, awnings, lifts, conveyors, dock levelers, appliances, operable walls. (Information Sources Issue) (directory)**  
Progressive Architecture, v69, n11, p89(4)  
Oct 15, 1988  
DOCUMENT TYPE: directory ISSN: 0033-0752 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 2114 LINE COUNT: 00191

... catalog. The catalog provides finishing options, dimensions, and technical data. Draper Shade & Screen. 298

Radiation **Protection** These **modular x - ray** barriers provide **radiation protection** in **medical** facilities with distortion-free, shatter-resistant lead plastic. The 1 1/2-inch-thick "Clear...

15/3,K/15 (Item 11 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03711090 SUPPLIER NUMBER: 06822598 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Engineering films get tough. (editorial)**  
Tenney, H.W., Jr.  
Machine Design, v60, n26, p92(5)  
Nov 10, 1988  
DOCUMENT TYPE: editorial ISSN: 0024-9114 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 2210 LINE COUNT: 00197

... automotive trim for weather resistance and durability.

Certain proprietary antistatic coatings, applied by electron-beam **radiation** , offer flame retardancy. A CTFE fluoropolymer film treated this way recently passed a stringent NASA...

...payload units and draping material for working with space hardware in high bays, hangers, and **portable clean rooms** .

Fluoropolymer film, perhaps best known as an outstanding moisture **barrier** , **protects** moisture-sensitive membrane switches, liquid-crystal displays, and photogel holograms. In addition, films are bonded...

15/3,K/16 (Item 12 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03500565 SUPPLIER NUMBER: 06321829 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Index of employers. (hospital profiles) (Nursing Opportunities supplement)**  
RN, v51, n1, pS6(377)  
Jan, 1988  
ISSN: 0033-7021 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 210302 LINE COUNT: 18943

... it's the innovative kind of medical center every nurse wants to be part of.

\* **Modular** Care Nursing

\*Nursing Management Information System

\* Decentralized Approach to Patient Care Delivery

\* In-Service Education...the critical difference in pursuit of state-of-the-art nursing: Critical Care Nursing, Adult **Medical**, Adult Surgical, Pediatrics, Obstetrics, Operating Room, Emergency Services and Psychiatric Nursing. Specialty treatment areas include...

15/3,K/17 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0717286

**Medical-radiation shields**

Architectural Record November 1995; Pg 110; Vol. 183, No. 11

Journal Code: AR ISSN: 0003-858X

Section Heading: Product Literature/Institutional

Word Count: 49 \*Full text available in Formats 5, 7 and 9\*

TEXT:

... create a spacious procedure/diagnostic facility that is comfortable for both patient and medical personnel. **Modular**, mobile, or overhead **X - ray barriers** save floor space, and may be specified in just the lead equivalency needed. 516/741...

15/3,K/18 (Item 2 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0574381

**X-ray barriers**

Architectural Record December, 1993; Pg 111

Journal Code: AR ISSN: 0003-858X

Section Heading: Special Construction: Products

Word Count: 47 \*Full text available in Formats 5, 7 and 9\*

TEXT:

Clear-Pb Lead-plastic **X - ray** Barriers and Windows are shatter-resistant, transparent plastic imbedded with 30 percent lead, by weight. It replaces the traditional tiny lead-glass windows with panoramic views of the **X - ray** room, using either permanently installed sheets of plastic, or **temporary barriers**. Nuclear Associates, Carle Place, N. Y.

15/3,K/19 (Item 3 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0114904

**Modular structure coating**

Engineering News-Record March 16, 1988; Pg 36; Vol. 222, No. 11

Journal Code: ENR ISSN: 0013-807X

Section Heading: Products

Word Count: 88 \*Full text available in Formats 5, 7 and 9\*

TEXT:

This finish gives **modular structures** a tough coating that stands up to environmental abuse. It **protects** through years of exposure to heat, ultraviolet **rays**, salt spray, acid rain, smog and snow, and certain acids and alkaline compounds. Available in...

15/3,K/20 (Item 4 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0057834

**Lead/plastic X-ray room shielding**

Engineering News-Record February 18, 1988; Pg 54; Vol. 220, No. 7  
Journal Code: ENR ISSN: 0013-807X  
Section Heading: Products  
Word Count: 61 \*Full text available in Formats 5, 7 and 9\*

**TEXT:**

Lead-impregnated, transparent plastic sheet combines light transmission with complete radiation **shielding**. **Prefabricated modular barriers** and windows are used in **X - ray** and special procedures rooms. It is available in 0.3 to 1.5-mm lead...

15/3,K/21 (Item 1 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries  
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09009649

**PHYSICAL SECURITY EQUIPMENT**

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY2020  
Service: DEFENSE AGENCIES  
Pub. Date: MAY 25, 1999  
Source: Forecast International/DMS  
Language: English  
Word Count: 5675  
Pgm.Element: 0603228D

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS2020

...an Air Force and now DoD  
program is an ongoing effort to develop an integrated **portable**  
relocatable security system to provide Force **Protection** capability for  
personnel, dispersed assets, fixed base facilities and Air Base Ground  
Defense applications. The...U) FY 1998 Accomplishments

- Conducted lightweight concrete forced entry and explosive test
- Completed testing of **X - ray** equipment
- Conducted operational and mechanical testing of the Internal Locking Device
- Completed the Tamper Resistant...

15/3,K/22 (Item 2 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries  
(c) 1999 Forecast Intl/DMS. All rts. reserv.

09009637

**Materials and Electronics Technology**

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY2020  
Service: DEFENSE AGENCIES  
Pub. Date: MAY 25, 1999

Source: Forecast International/DMS  
Language: English  
Word Count: 5921  
Pgm.Element: 0602712E

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS2020

...electroactive polymers for sensing and actuating. Other areas of concentration include new materials concepts for **portable** power, **protective** coating materials to eliminate environmental hazards, infrared artificial dielectrics, development of bio- interface materials and...octave tuning range and low loss. Demonstrate scale- up capability for single crystal growth utilizing **x - ray** interference patterns to template crystal growth.

Demonstrate enhanced biological responses (molecular, cellular and organismal) at...

15/3,K/23 (Item 3 from file: 388)  
DIALOG(R)File 388: PEDS: Defense Program Summaries  
(c) 1999 Forecast Intl/DMS. All rts. reserv.

09008634

#### WMD Related Technologies

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1999  
Service: DEFENSE AGENCIES  
Pub. Date: JUNE 04, 1998  
Source: Forecast International/DMS  
Language: English  
Word Count: 5142  
Pgm.Element: 0602715B

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1999

...Center (AEDC) in Tullahoma, Tennessee, including the development, construction and checkout of the new DECADE **x - ray** facility; development of technologies to provide enhanced radiation sources on the DECADE simulator; development of...Continue DECADE preplanned product improvement program for power flow technologies to support high-fluence, soft **x - ray**

and high-dose and dose-rate bremsstrahlung capabilities and evaluate the need for a second...

...the High Power Microwave Simulator and Fast Rise EMP Simulator.

Continue advanced, high- fluence, soft **x - ray** and high-dose and dose-rate bremsstrahlung for DECADE Quad application.

Demonstrate >100cm<sup>2</sup> debris **shields** for the DECADE Quad.

Continue development of a **portable** , compact, high-fidelity prototype simulator.

Project AC - Weapons Systems Lethality - Building upon core nuclear competencies...



15/3,K/24 (Item 4 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries  
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09008633

#### Materials and Electronics Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1999  
Service: DEFENSE AGENCIES  
Pub. Date: JUNE 04, 1998  
Source: Forecast International/DMS  
Language: English  
Word Count: 5007  
Pgm.Element: 0602712E

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1999

...electroactive polymers for sensing and actuating. Other areas of concentration include new materials concepts for **portable** power, **protective** coating materials to eliminate environmental hazards, infrared artificial dielectrics, development of bio- interface materials and...

...and actuators are also being explored. New materials and concepts for increasing the availability of **portable** power to the soldier are being investigated as are substitute **protective** coating materials which eliminate environmental hazards. Infrared Artificial Dielectrics (IRADs) are a new class of... actuators, etc.).

- Demonstrate proof of concept for templated vapor phase single crystal growth on projected **x - ray** interference patterns of atomic dimensions.

- Demonstrate high-density electronic interconnects for Seamless High Off-Chip...octave tuning range and low loss.

- Demonstrate scale-up capability for single crystal growth utilizing **x - ray** interference patterns to template crystal growth.

- Demonstrate enhanced biological responses (molecular, cellular and organismal) at...

15/3,K/25 (Item 5 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries  
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00005106

#### Army Industrial Preparedness Manufacturing Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1998  
Service: ARMY  
Pub. Date: July 16, 1997  
Source: Forecast International/DMS  
Language: ENGLISH  
Word Count: 3672

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1998

...hardware, software and initial  
prototype to inspect additional flaw classes for Nondestructive  
Visualization Using 3D/ **X - ray** Laminography.

FY 1996 Accomplishments: (continued)

- Awarded contract and achieved significant progress in development  
and evaluation...production of  
decontamination enzymes as a replacement for currently used chemicals.

- Develop production techniques for **portable** sorption fabric testers  
for chemical **protective** clothing production and sustainment.

- Complete development and accelerated life testing for dry/semi-dry  
rations...

15/3,K/26 (Item 6 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries  
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00004712

#### Army Industrial Preparedness Manufacturing Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1997  
Service: ARMY  
Pub. Date: May 22,1996  
Source: Forecast International/DMS  
Language: ENGLISH  
Word Count: 1814  
Pgm.Element: 0708045A

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1997

...develop hardware,  
software and prototype to inspect additional flaw classes for  
Nondestructive Visualization Using 3D/ **X - ray**  
Laminography; conduct  
validation testing of prototype nondestructive detector array tester;  
and develop and evaluate alternate...

...expert system; develop inspection  
algorithms and flaw recognition expert system for Nondestructive  
Visualization Using 3D/ **X - ray**  
Laminography; continue development of  
prototype nondestructive detector array tester; use experimental  
techniques to optimize design...

...for vibratory rate  
microgyroscope.

b) 107 Soldier Systems - Fabricate and conduct operational  
testing on a **portable** fabric sorption tester for chemical **protective**  
fabrics.

c) 700 Integrated Composites Manufacturing - Complete  
demonstration in pilot production environment; define benefits based...

15/3,K/27 (Item 7 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries

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00004327

#### COUNTERTERROR TECHNICAL SUPPORT

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1996  
Service: DEFENSE AGENCIES  
Pub. Date: October 5, 1995  
Source: Forecast International/DMS  
Language: ENGLISH  
Word Count: 1835  
Pgm.Element: 0603122D

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1996

...Explosives Detection (\$.375 Million),  
Universal Training and  
Firing Device (\$.040 Million), and Real-Time Portable **X - Ray**  
System  
(\$.125 Million)  
--Continued development of Nuclear Quadripole Resonance (NQR) for  
Other Explosives (\$.150  
Million...Million)  
MEDDS/Cannines Olfaction (\$.200 Million) Audio Collector/Directional  
Microphone (\$.185 Million), 3-D Baggage **X - ray**  
System (\$.200 Million)  
Chemical/Biological Response (\$.200 Million), Robot Aiming & Ranging  
(\$.100  
Million) Downsized Composite...

...MEDDS/Cannines Olfaction (\$.200 Million) Audio Collector/Directional  
Microphone (\$.050 Million), 3-D Baggage **X - ray**  
System (\$.100 Million)  
Chemical/ ...System (\$.605 Million)  
Microtopographical Surface Features Analysis tool for Fired Ammunition  
Components (\$.300 Million), Enhanced **Portable** Through-Wall Imaging  
System (\$.200 Million), Vehicle Armor **Protection**  
System for Non-Armored Vehicles (\$.350 Million), Clandestine Urban  
Vehicle Tracking System (\$.500 Million),

Integrated...

15/3,K/28 (Item 8 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries  
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00003697

#### Initial Operational Test and Evaluation (IOT&E)

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1995  
Service: AIR FORCE  
Pub. Date: June 13, 1994  
Source: Forecast International/DMS  
Language: ENGLISH  
Word Count: 1953  
Pgm.Element: 0605712F

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1995

...Follow-on Tactical  
Reconnaissance System (FOTRS), B-2, Airborne Electronic Countermeasure  
Threat Simulator (AETS), Advanced **X - Ray**  
System, B-1B Conventional  
Munitions Upgrade Program (CMUP), AFMSS Conventional Mission Plan and  
Preparation System...

...Communication Sys), AMC C-2  
Info Processing System II-IV, Microwave Landing System (MLS-Mobile),  
**Modular TACC (CTAPPS).**

- (U) Category: General  
Chemical Warfare **Protective** Equipment (CWD-Aircrew Eye/Respiratory  
Protection SAC), LS-Thermal Flash Blindness Protection, LS-Universal  
Water...

...17, F-22 Advanced Tactical Fighter, Follow-on  
Tactical Reconnaissance System (FOTRS), B-2, Advanced **X - Ray**  
System, B-  
1B

15/3,K/29 (Item 9 from file: 388)  
DIALOG(R)File 388:PEDS: Defense Program Summaries  
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00003221

#### INITIAL OPERATIONAL TEST AND EVALUATION (IOT&E)

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1994  
Service: AIR FORCE  
Pub. Date: August 24,1993  
Source: Forecast International/DMS  
Language: ENGLISH  
Word Count: 1981  
Pgm.Element: 0605712F

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1994

...Eye/Resp Protection SAC ), ICBM-  
Rapid Execution and Combat Target (REACT), LS-Thermal Flash Blindness  
**Protection** , Tactics Training Route Complex (TTRC/RIIS), Dual Frequency  
MEECN RCVR/ **Portable** , Pacer Link II, LS-Universal Water Activated  
Release System, E-4B Communications Enhancement Mod Block...

...Advanced Training System (ATS),  
Airborne Electronic Countermeasure Threat Simulator (AETS), ABO-Bratt  
Communications System, Advanced **X - Ray**  
System, B-1B IOT&E, Conventional  
Mission Plan & Preparation System (CMPPS), MAC C-2 Info...  
Strategic and Tactical  
IR Expendable (ASTE)/AMD (Activated Metal Decoy), Sensor Fused Weapon  
(SFW), Advanced **X - Ray**  
, Defense Support Program Satellite System (DSP-  
1), Compass Call Improvement Program.

15/3,K/30 (Item 10 from file: 388)  
DIALOG(R) File 388: PEDS: Defense Program Summaries  
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00002618

**Electronics Manufacturing Technology Development**

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1994  
Service: DEFENSE AGENCIES  
Pub. Date: June 9, 1993  
Source: Forecast International/DMS  
Language: ENGLISH  
Word Count: 4939  
Pgm.Element: 0603739E

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Binder Code: PEDS1994

...the following military programs: The Integrated Enhanced Soldier

System (TIESS), Gen II Soldier, Soldier Integrated **Protective** Ensemble (SIPE), Advanced Integrated Man **Portable** System (AIMS), Advanced Pilotage Capabilities (APA), Covert Night/Day Operations in Rotorcraft (CONDOR), CONDOR Advanced...  
improved alignment and overlay techniques,  
metrology, systems development and integration utilizing various radiation sources (x- **ray** , **electron** -beam, ion-beam, and optics), and device demonstrations to establish viability of the developed systems.

C. (U) PROGRAM ACCOMPLISHMENTS AND PLANS;

(U) FY 1992 Accomplishments:

(U) Installed the first x- **ray** **point** source lithography tool in an industrial lab for evaluation.

(U) Demonstrated 0.2 micron pattern definition with x- **ray** **point** source.

(U) Fabricated 512K static random access memory (SRAM) chips with x- **ray** **0**.35 micron lithography.

(U) Demonstrated a new plasma focus head which generates 12 joules of x- **rays** **per** pulse.

(U) Completed mask repair tool for 0.50 micron design rules.

(U) Demonstrated through modeling and experimental work that proximity x- **ray** **lithography** may extend to 0.1 micron features with a mask-wafer gap of 10 microns.

(U) FY 1993 Planned Program:

(U) Use x- **ray** **lithography** to fabricate 512K SRAM chips with 0.25 micron gate lengths.

(U) Evaluate diode pumping for the laser plasma x- **ray** **source**

(U) Develop a multi-shot power supply for the focus plasma x-ray source.  
(U) Complete mask repair tool for masks with 0.25 micron features.  
(U) Release a standard configuration for x-ray masks.  
(U) Initiate efforts in ion-beam and e-beam lithographies, directed at prototype systems for...

...tool.

(U) Demonstrate mask writer for 0.25 micron features.

(U) Deliver masks both x-ray and phase shift) for 0.35 micron features.

(U) Demonstrate first diode laser pumped point source x-ray stepper capable of 0.35 micron design rules.

(U) Program To Completion:

(U) Demonstrate a nanowriter e...

...tool for repair of masks with 0.15 micron features.

(U) Demonstrate aligner for x-ray lithography for 0.25 micron features.

(U) Demonstrate stage control for lithography tools with 0.12 micron capability.

(U) Fabricate devices using soft x-ray reduction techniques.

D. (U) Work Performed By: IBM, Essex Junction, VT; Lawrence Berkeley, Berkeley, CA; ETEC...

...from the Microlithographic Mask Development Program.

Sep 94 Demonstrate diode-pumped, laser plasma source x-ray tool

Mar 95 Demonstrate a nanowriter e-beam tool for writing features at 50 nm.

Jun...

15/3,K/31 (Item 1 from file: 587)

DIALOG(R) File 587: Jane's Defense & Aerospace

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00011861

Word Count: 00625

November 14, 1984

CONTRACTING INTELLIGENCE (CQI) NOVEMBER 16, 1984 v.006 no. 003

Section Heading: 5 PRIME CONTRACT AWARDS

...CHARTER SS AMERICAN TROJAN (A US FLAG SELF-SUSTAINING C-4 BREAKBULK VESSEL) TO SUBIC BAY REPUBLIC OF PHILIPPINES  
N00033-85-C-1001 11/14/84 \$14,178,060 UNITED STATES LINES CRANFORD NJ  
DREL  
MILITARY SEALIFT COMMAND

^- 54 - PREFABRICATED STRUCTURES & SCAFFOLDING  
FFP CONTRACT FOR 67 ARMORED VEHICLE-LAUNCHED BRIDGE LAUNCHER KITS  
DAAE07-85-C-0225...

15/3,K/32 (Item 1 from file: 187)

DIALOG(R)File 187:F-D-C Reports  
(c) 2003 F-D-C Reports Inc. All rts. reserv.

00098795 F-D-C Accession Number 01200060002  
The Gray Sheet  
February 7, 1994  
Volume 20, Issue 6

**ANTI-STICK NEEDLES AMONG 12 CLASS II DEVICES IN THIRD TIER ON DGRD'S  
"TRIAGE"LIST; REMAINING TWO DEVICE DIVISIONS ALSO RELEASE TRIAGE LISTS**

...secondary to spinal surgery

DENTAL PRODUCTS, TIER I, Class I products:

Gingival fluid measurer

Dental **x - ray** exposure alignment device

AC-powered dental amalgamator

Preformed anchor  
Precision attachment

Dental bur

Preformed clasp...

...toothbrush

Intraoral dental wax

DENTAL PRODUCTS, TIER I, Class II products:

Caries detection device

Dental **x - ray** position indicator

Lead lined position indicator

Dental operating light

DENTAL PRODUCTS, TIER I, Unclassified products...  
...handpieces; cleaning & sterility concerns

DENTAL PRODUCTS, TIER II, Class II products:

Pulp tester

Intraoral source **x - ray** system

Cephalometer

Amalgam alloy

Gold based alloys & precious metal alloys

Resin tooth bonding agent

Calcium...

...metal alloy

Bracket adhesive resin & tooth conditioner

Denture relining, repairing or rebasing resin

Pit & fissure **sealant** & conditioner

**Temporary** crown & bridge resin

Root canal filing resin

Endodontic stabilizing splint

Procelain tooth

Bone cutting instruments...CIRCULATORY SYSTEM DEVICES, TIER I, Class II products:

Adaptor, lead switching, electrocardiograph

Phonocardiograph

Display, cathode- **ray** tube, **medical**

System, signal isolation

Monitor, signal isolation

Monitor, line isolation

Alarm, leakage current, portable

Recorder, paper...

15/3,K/33 (Item 1 from file: 442)

DIALOG(R)File 442:AMA Journals

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00051917

**Cognitive Neuropsychology: Resolving Enigmas About Wernicke's Aphasia and Other Higher Cortical Disorders** (Article)

Margolin, David Ira, MD, PhD

Archives of Neurology

1991; 48: 751-(15)

...buffers) have been postulated to play critical roles in various types of language processes. These **buffers** serve as **temporary** repositories for information that has been retrieved from an information-processing module and is waiting... give some measure of cortical activity. It is now well documented through xenon 133 inhalation, **positron emission** tomography, and single photon emission computed tomography studies that in addition to Wernicke's and...

... this article reflect the combination of cutting-edge work in two domains--cognitive neuropsychology and **positron emission** tomographic scan imaging techniques.

124-126 These experimenters capitalized on a classical and powerful tool...and during language stimulation. Brain Lang. 1987;32:1-18.

122 Phelps ME, Mazziotta JC. **Positron emission** tomography: human brain function and biochemistry. Science. 1985;228:799-809.

123 Ober BA, Reed...

...University Press. In press.

124 Petterson SE, Fox PT, Posner MI, Mintum M, Raichle ME. **Positron emission** tomographic studies of the cortical anatomy of single-word processing. Nature. 1988;331:585-589...



15/3,K/34 (Item 2 from file: 442)  
DIALOG(R)File 442:AMA Journals  
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00046825  
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**Are Complications in Intraoperative Radiation Therapy More Frequent Than in Conventional Treatment?** ( PAPERS READ BEFORE THE ANNUAL MEETING OF THE SOCIETY OF SURGICAL ONCOLOGY, NEW ORLEANS, LA, MAY 22 TO MAY 25, 1988 -- PART II)

CROMACK, DOUGLAS T.; MAHER, MICHELLE M.; HOEKSTRA, HARALD; KINSELLA, TIMOTHY J.; SINDELAR, WILLIAM F.  
Archives of Surgery  
February, 1989; 124: 229-2341989;  
LINE COUNT: 00225 WORD COUNT: 03105

... complications in IORT due to technical manipulations (transportation of patients under anesthesia between operating and **radiotherapy** suites) and the **temporary** placement of foreign bodies within the abdominal cavity (IORT applicators, **shielding** , and tissue retractors). Such concerns have been proved to be unfounded based on the data...

...the current study. The incidence of infectious complications was similar in both IORT and conventional **radiotherapy** groups. Separate analysis by tumor type actually revealed an excess of infectious complications among the...